

Supply Of Documentation For NATO Codification

DEFCON 117
Edition 05/06

1. The purpose of Codification is to catalogue Items of Supply, using the minimum information required to distinguish them from similar items available. The cataloguing information is not normally a full technical specification and definition that could be used for manufacture of alternative items.

2. In this Condition:

"Codification Purposes" means the application of unique identification and classification of Items of Supply, using a common supply language. This information is recorded in sufficient detail to distinguish uniquely Items of Supply from other Items, using NATO Stock Numbers (NSN), and is used to enable maximum effectiveness in national and international logistic support, data management in the area of materiel, supply and inventory management, throughout the life of an equipment, by the UK MOD and its NATO partners.

"Codification Authority" means the United Kingdom National Codification Bureau (UKNCB), except as provided in Clause 11;

"Authority's Agent" means the Government Departments or Contractors authorised by the Codification Authority to undertake NATO codification;

"Form, Fit and Function," means, in respect of each of its elements:

a) Form: The shape, size, dimensions, and other physically measurable parameters that uniquely characterize an article. For software, form denotes the language and media.

b) Fit: The characteristics of an article to enable it to interface or interconnect with a part of another article, including the dimensional relationship between mating parts and the limits of tolerances.

c) Function: The actions that a product is designed to perform in normal use or operation.

"Item" means the part or the whole of any Article as defined in DEFCON 501 or any other article to the same design or any modification of it;

"Item of Supply" means an Item, or where two or more Items are attached or assembled together, the minimum assembly of Items listed in the Design Control Authority's Master Parts List or required to be delivered to the Authority under the Contract.

"Item Identification" means the minimum information required to uniquely identify the Item of Supply derived from information supplied in response to the Annex to this Condition;

"Technical Data" means the cataloguing information identified in the Annex to this Condition to be supplied to enable the creation of Item Identification (detailed at Annex).

"Design Control Authority" (DCA) means the individual, company, firm, corporation, designing authority or government department, which controls the design, characteristics and production of an Item by means of its engineering drawings, specifications and inspection requirements.

3. In the case of an Item of Supply for which the Contractor is the DCA, the Contractor shall provide Technical Data to the Codification Authority, or the Authority's Agent specified by the Codification Authority, where:

a) the Item of Supply is not already codified in the NATO Codification System (NCS). If the Item of Supply has already been NATO codified the Contractor shall supply the NSN(s) to the Codification Authority, or the Authority's Agent; or

b) the Contractor has not previously supplied that information either in the recommended spare parts list supplied by the Contractor in the initial provisioning phase or under another contract. If that information has previously been supplied the Contractor shall inform the Codification Authority, or it's Agent, when and to whom the data was supplied. Under normal circumstances

there will be no requirement to supply information already provided.

4. In the case of an Item of Supply for which the Contractor is not the DCA, the Contractor shall

a) provide the Codification Authority, or the Authority's Agent with:

i. The DCA's name, address, contact numbers, and

ii. The identifying reference allocated by the DCA to each Item of Supply and, if known, the relevant National or International specification or standard.

b) ensure that the cataloguing information is supplied, either by the subcontract DCA or by the Contractor. The Contractor should consider including the terms of this Condition, or equivalent text, in any sub-contract(s), to enable delivery of the cataloguing information.

5. Unless otherwise provided by the Contract, the cost of supplying the information under Clauses 3 and 4 above, and any other information specifically called for under the Contract, shall be deemed to have been included in the Contract Price.

6.

a) The Contractor may from time to time be requested to supply additional information necessary for Codification. To the extent that he has the right to do so, the Contractor shall supply that additional data. The extent of additional information shall be governed by the requirements of the Codification System at that time. Full details of the Codification System can be obtained from the Codification Authority.

b) For the life of the Contract the Contractor shall notify the Codification Authority regarding all modifications or design changes made to the Item of Supply, which affect the Item Identification, Form, Fit or Function.

c) Fair and reasonable payment, based upon the actual work involved, will be made to the Contractor for the supply of additional information under sub-Clause a) above and, in respect of modifications and design

changes approved by the Authority, the supply of updating information under sub-Clause b) above.

7. Subject to the restrictions resulting from Clause 9, the Authority shall have the right, free of charge, to use or have used for Codification purposes information supplied under the provisions of this Condition, use and copying being limited to that necessary for those purposes.
8. Subject to the restrictions resulting from Clause 9, the data constituting the Item Identification may be included in the databases of codification data which are produced by the Authority or any international organisation of which the Authority is a member and may be made available to other governments, contractors, organisations or individuals who are authorised to have access to those databases by the Authority or the organisation(s) of which the Authority is a member.
9. The Contractor shall endeavour to ensure that all information supplied under this Condition can be used for Codification purposes; however, where any of the information supplied is marked to indicate it is proprietary in nature the Contractor shall indicate what restrictions apply to its use.
10. The Codification Authority shall not retain or use the Technical Data supplied under this Condition for any purpose other than for Codification.
11. If the DCA is located in a NATO country other than the UK there shall be substituted for the UKNCB, the equivalent organisation in that NATO country. All contact with those equivalent organisations will be via the UKNCB.
12. If the Design Control Authority is located in a country which is not a member of the NATO Alliance or a NATO sponsored (NCS participating) country, the Codification Authority will be deemed to be the UKNCB, which may nominate an agent to act on its behalf.
13. The Contractor, subcontractor or supplier may contact the Codification Authority for any information concerning the NCS.

ANNEX TO DEFCON 117

CODIFICATION REQUIREMENTS FOR ITEM IDENTIFICATION

Information to be used for the purposes of Codification is governed by the requirements of the NCS UK Item Identification Guide (IIG) and Approved Item Name used for Codification, and the complexity of each Item of Supply.

Information may be provided in the form of engineering drawings, International/National or Commercial standards and specifications, commercial literature such as catalogues, brochures or similar documentation, in hard or soft copy. Alternatively arrangements may be made to allow the data to be retrieved via URL or similar.

This Condition covers all Items of Supply, and the following information is to be supplied:

1. The name, address and contact details of the Design Control Authority (DCA).
2. The name of the Item of Supply, as recognised by the Design Control Authority (DCA).
3. Identifying References:
 - a) the DCA's drawing or part number(s), or Standard or Specification Reference, or both (indicating definitive or non-definitive). The documents will be assumed to be fully definitive unless stated otherwise;
 - b) any associated bar code or product identification numbers, assigned by companies compliant with EAN International or the Uniform Code Council (UCC);
 - c) for medical items, the ATC Code (World Health Organisation (WHO) Anatomical Therapeutic Codes), BNF code (British National Formulary) or the ECRI Universal Medical Device Nomenclature code should be supplied where relevant.

NOTE: A fully definitive identifying reference identifies the item without having to add additional data, such as colour, size etc.

(Identifying information must be supplied when a part number does not fully identify an item.)

4. The following additional information* is to be supplied where it is necessary for the information to be used to fully distinguish Items of Supply.

- a) Basic material (the base material from which the item is fabricated) surface treatment (the finish by which the item is plated, dipped and/or coated, including any special cleanliness conditions).
- b) Dimensions - nominal length, width, height, and diameter, with tolerances if applicable, weight and volume.
- c) All key dimensions should be supplied for common mechanical parts, such as nuts, bolts, screws, washers etc.
- d) Where Items are threaded, include the size, type, length, class and direction of the thread.
- e) Electrical Characteristics, such as: - nominal voltage, current or rated power, or both, of the item, rated resistance, capacitance or inductance, and operating frequencies.
- f) For any pressure system components and equipment details of the pressure ratings.
- g) Temperature ratings.
- h) Information on distinguishing features, e.g. colour, shape, style, holes, cut-outs, keyways or slots, etc .
- i) Radioactive Components: - radioactive materials.
- j) Software - the software identification number.
- k) Markings - markings that indicate the primary purpose, function or application of the Item of Supply.

* NOTE: The DCA is not required to disclose particulars of proprietary processes, manufacturing techniques or proprietary material specifications.

5. For assemblies only, the final assembly drawing or parts list, or both, including known NSNs and part numbers of constituent parts.
6. Where the Item of Supply is designed for a specific application, the source data should identify the end item application.
7. Where the Item of Supply contains items of a hazardous nature, the information shall identify the existence of any hazard.