

DATE 22 January 1964

SHEET 1 OF 4

TMC SPECIFICATION NO. S-814

L. Gabel RRH L. Gabel
1-23

COMPILED

CHECKED

TITLE:

RRH
APPROVED

POLICY
for
ASSIGNMENT OF NEW TMC DWG/PART NUMBERS

DATE 22 January 1964
SHEET 2 OF 4

TMC SPECIFICATION NO. S-814

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TITLE: POLICY FOR ASSIGNMENT OF NEW TMC DWG/PART NUMBERS

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REFERENCE: MIL-STD-447 (Definitions of Interchangeability)

1. When a part is changed in such a manner or to such a degree that it will affect "two-way interchangeability" with other items of the same number, a new number will be given to the new item. The old number drawing shall be marked "OBSOLETE; for spare part use only; SEE _____ for new units."
2. When the changes on the part or parts affects the interchangeability of the unit in which it mounts, the unit will also receive a new section/model/assembly number.
3. When a part is changed in such a manner that it can be interchanged per Paragraph 3.1 of MIL-STD-447, it may be changed with a revision letter.
4. Paragraphs 1, 2, & 3, above apply chiefly to electrical items. Certain amount of discretion and individual decision must be made on many mechanical parts. EXAMPLE: A chassis has requirement for addition of two new holes to accommodate a new junction point, resistor, etc. By adding these two new holes, the chassis may be used (with two empty holes) in all old equipment and since no agency normally stocks this type of item as a spare part, a new revision letter may be given to the part instead of a new part number. If, on the other hand, a mechanical part, such as a contact holder, which is subject to burnout and may very well be stocked as spares for that reason, requires a change which affects its two-way interchangeability; Paragraph 1 above will apply.

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MIL-STD-447
20 May 1959

MILITARY STANDARD
DEFINITIONS OF INTERCHANGEABLE SUBSTITUTE
AND REPLACEMENT ITEMS

1. SCOPE

1.1 Scope. This standard establishes definitions for the terms: "Interchangeable items", "substitute items" and "replacement items" relative to divisions of equipment terms as defined by MIL-STD-280.

1.2 Application. These definitions are applicable in design, procurement, maintenance, production, quality control and issue of items of Military supply, and are for use in specifications, drawings, standards, handbooks, manuals, supply catalogs, stock lists and technical documents pertaining to Military equipment procured by or for the Departments of the Army, the Navy, or the Air Force.

2. REFERENCED DOCUMENTS

2.1 The following Department of Defense publication, of the issue in effect on date of invitation for bids, forms a part of this standard:

STANDARD

Military

MIL-STD-280 -- Definition of Terms for Equipment Divisions.

3. DEFINITIONS

3.1 Interchangeable Item. When two or more items possess such functional and physical characteristics as to be equivalent in performance and durability and capable of being exchanged one for the other without alteration of the items themselves or of adjoining items except for adjustment, and without selection for fit or performance, the items are interchangeable.

3.2 Substitute Item. When two or more items possess such functional and physical characteristics as to be capable of being exchanged only under certain conditions or in particular applications and without alterations of the items themselves, or of adjoining items, they are substitute items. This includes the old definitions of one way interchangeability such as item B can be interchanged in all applications for item A, but item A can not be used in all applications requiring item B.

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3. DEFINITIONS - Cont'd

3.3 Replacement Item. An item which is functionally interchangeable with another item, but which differs physically from the original part in that the installation of the replacement part requires operations such as drilling, reaming, cutting, filing, shimming, etc., in addition to the normal application and methods of attachment, is known as a replacement item.

4. GENERAL REQUIREMENTS OR STATEMENTS

4.1 Not Applicable.

5. DETAILED REQUIREMENTS OR STATEMENTS

5.1 Not applicable.