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10 April 1957

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8 February 1954

MILITARY STANDARD

MARKING FOR SHIPMENT AND STORAGE

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON: 1957

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MIL-STD-129B
CHANGE NOTICE 2
2 SEPTEMBER 1958

MILITARY STANDARD

MARKING FOR SHIPMENT AND STORAGE

TO ALL ACTIVITIES:

1. The following pages of this standard have been revised and supersede the pages listed:

New Page	*Date*	*Superseded page*	*Date*
3	2 September 1958	3	10 April 1957
9	2 September 1958	9 (Change Notice 1)	6 January 1958
11	2 September 1958	11 (Change Notice 1)	6 January 1958
16	2 September 1958	16	10 April 1957
18	2 September 1958	18 (Change Notice 1)	6 January 1958
24	2 September 1958	24 (Change Notice 1)	6 January 1958
30	2 September 1958	30 (Change Notice 1)	6 January 1958
63	2 September 1958	63 (Change Notice 1)	6 January 1958
68	2 September 1958	68 (Change Notice 1)	10 April 1957

2. The following is a cumulative list of earlier changes:

New Page	*Date*	*Superseded page*	*Date*
VI	6 January 1958	VI	10 April 1957
4	6 January 1958	4	10 April 1957
5	6 January 1958	5	10 April 1957
7	6 January 1958	7	10 April 1957
8	6 January 1958	8	10 April 1957
9	6 January 1958	9	10 April 1957
10	6 January 1958	10	10 April 1957
11	6 January 1958	11	10 April 1957
12	6 January 1958	12	10 April 1957
13	6 January 1958	13	10 April 1957
17	6 January 1958	17	10 April 1957
18	6 January 1958	18	10 April 1957
24	6 January 1958	24	10 April 1957
30	6 January 1958	30	10 April 1957
32	6 January 1958	32	10 April 1957
60	6 January 1958	60	10 April 1957
61	6 January 1958	61	10 April 1957
62	Deleted		
63	6 January 1958	63	10 April 1957
64	6 January 1958	64	10 April 1957
65	6 January 1958	65	10 April 1957
66	6 January 1958	66	10 April 1957
67	6 January 1958	67	10 April 1957

3. Retain this cover page and insert before the table of contents of this standard.

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MIL-STD-129B

CHANGE NOTICE - 1
6 JANUARY 1958

MILITARY STANDARD

MARKING FOR SHIPMENT AND STORAGE

TO ALL ACTIVITIES:

1. The following pages of this standard have been revised and supersede the pages listed:

New page	*Date*	*Superseded page*	*Date*
VI	6 January 1958	VI	10 April 1957
4	6 January 1958	4	10 April 1957
5	6 January 1958	5	10 April 1957
7	6 January 1958	7	10 April 1957
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63	6 January 1958	63	10 April 1957
64	6 January 1958	64	10 April 1957
65	6 January 1958	65	10 April 1957
66	6 January 1958	66	10 April 1957
67	6 January 1958	67	10 April 1957

2. Retain this cover page and insert before the table of contents of this standard.

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OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
WASHINGTON 25, D. C.

Supply and Logistics 10 April 1957

Marking for Shipment and Storage
MIL-STD-129B

1. This standard has been approved by the Department of Defense and is mandatory for use by the Departments of the Army, the Navy, and the Air Force effective 10 April 1957.

2. In accordance with established procedure the Standardization Division has designated the Quartermaster Corps, Bureau of Supplies and Accounts, and the Air Force, respectively, as Army-Navy-Air Force custodians of this standard.

3. Recommended corrections, additions, or deletions should be addressed to the Standardization Division, Office of the Assistant Secretary of Defense (Supply and Logistics), Washington 25, D. C.

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1. INTRODUCTION AND GENERAL REQUIREMENTS

1.1 Purpose. The purpose of this standard is to provide uniform marking of military supplies and equipment for shipment and storage.

1.2 Deviations. When deviations from this standard are found to be necessary, specific instructions shall be obtained from the cognizant activity.

1.3 Abbreviations. The following abbreviations are authorized for use. In addition, abbreviations of the item descriptions will be permitted when approved by the cognizant activity concerned. Periods will not be used with abbreviations except those representing States.

(*a*) Package units:

Ball	BA
Barrel	BBL
Book	BK
Bottle	BT
Bundle	BDL
Cake	CK
Carton	CTN
Case	CS
Chest	CHT
Coil	CL
Cone	CE
Crate	CRT
Deck	DK
Drum	DR
Envelope	ENV
Flask	FLK
Hank	HK
Length	LG
Package	PKG
Pallet	PL
Paper	PA
Piece	PC
Reel	RE
Ribbon	RI
Roll	RL
Sheet	SH
Skid box	SB
Sleeve	SL
Spool	SP
Stick	ST
Tube	TU
Unit	UN

(*b*) Quantitative units:

Dozen	DOZ
Each	EA
Gross	GR
Hundred	C
Pair	PR
Quire	QR
Ream	RM
Round	RD
Thousand	M
Great gross	GG

(*c*) Weights and measure units:

Bushel	BU
Centigrade	C
Centimeter	CM
Cord	CD
Cubic centimeter	CC
Cubic foot	CU
Dram	DM
Foot	FT
Gallon	GAL
Grain	GR
Hundredweight	CWT
Inch	IN
Linear feet	LNF
Linear yard	LNY
Milliampere	MA
Ounce	OZ
Pint	PT
Pennyweight	DWT
Pound (s)	LB(S)
Quart	QT
Square foot	SQF
Square yard	SQY
Net long ton	TLN
Net short ton	TSN
Long ton	TLG
Gross short ton	TSG
Volume	VOL
Weight	WT
Yard	YD

(*d*) Miscellaneous abbreviations:

Advance base construction depot	ABCD
Advance base depot	ABD
Advance base section	ABS
Aviation supply annex	ASA
Basic boxed base load	BBB
Bill of lading	B/L
Central Torpedo Office	CTO
Chemical Corps	CMLC
Combat serviceable	CS
Contract	CONT

Contractor	CONTR
Corps of Engineers	CE
Dimensions	DIM
Engine	ENG
Federal Stock No.	FSN
Government bill of lading	GB/L
Invoice	INV
Less than carload	LCL
Less than truckload	LTL
Manufactured	MFD
Marine Corps Depot of Supplies	MCDS
Marine Corps Supply Depot	MCSD
Marine Corps Forwarding Depot	MCFD
Mark	MK
Medical Corps	MC
Moisture Fungus-Proofed	MFP
Naval Aviation Supply Depot	NASD
Naval Ammunition and Net Depot	NA&ND
Naval Ammunition Depot	NAD
Naval Degaussing Station	NDS
Naval Gun Factory	NGF
Naval Magazine	NM
Naval Mine Depot	NMD
Naval Ordnance Plant	NOP
Naval Ordnance Test Station	NOTS
Naval Powder Factory	NPF
Naval Supply Center	NSC
Naval Supply Depot	NSD
Naval Torpedo Station	NTS
Net weight	NETWT
Ocean bill of lading	OB/L
Officer	OFF
Ordnance Corps	ORD
Ordnance Supply Depot	OSD
Ordnance Stock Office	OSO
Packed	PKD
Port Transportation Officer	PTO
Quantity	QTY
Quartermaster Corps	QMC
Requisition	REQ
Signal Corps	SigC
Shipment order	SO
Standard Navy Stock No.	SNSN
Tare weight	T/WT
Transportation Corps	TC
Transportation Officer	TO
U. S. Coast Guard	USCG
U. S. Marine Corps	USMC
United States Pharmacopoeia	USP
United States ship	USS

1.3.1 *Abbreviation of corporate name of contractor.* Where corporate name of contractor will require two or more lines, an abbreviation of the name which can be readily identified with the contractor will be permitted.

1.4 Unauthorized markings. No markings shall be placed on any containers other than those specified in this standard or authorized by the cognizant activity concerned, or those required by regulation or statute.

1.4.1 *Advertising matter and case marking.* Unless otherwise specified herein or in the contract or order, advertising matter and case markings not interfering with the clarity of required markings on containers will be permitted, provided that no payment of royalties directly or indirectly by the Government is involved by the inclusion of such matter.

1.5 DOMESTIC ADDRESS (APPLICATION OF)

1.5.1 *Full carloads and full truckloads.* Domestic address will not be required on shipping containers, palletized unit loads, unpacked items and bulk items (such as cement, lumber, etc.) and for empty kegs or drums (new or used) shipped in full carloads or full truckloads moving from a single consignor to a single consignee.

1.5.2 *Less than carload (LCL) and less than truckload (LTL).* The domestic address will be required on all shipping containers, palletized unit loads, and unpacked items for less than carload and less than truckload lots.

1.6 Overseas address (application of). Unless otherwise specified by the cognizant activity, overseas address will be required on all shipping containers, palletized unit loads, and unpacked items.

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2. DEFINITIONS AND MARKING TERMS

2.1 DEFINITIONS

2.1.1 *Interior packages.*

2.1.1.1 *Unit package.* The first tie, wrap, or container applied to a single item or a multiple thereof, or a group of items of a single stock number preserved or unpreserved which involves a complete or identified package.

2.1.1.2 *Intermediate package.* An interior container which contains two or more unit packages of identical items.

2.1.2 *Unpackaged items.* Items not packaged that are to be placed in a shipping container.

2.1.3 *Loose or unpacked items.* Items which do not require a shipping container.

2.1.4 *Shipping container.* Any exterior container which may be used for shipment.

2.1.4.1 *Bale.* In conformance with Specification MIL-B-3149, Baling of Clothing and Equipage.

2.1.4.2 *Noncompressed bale.* Same as bale except that no compression is applied.

2.1.4.3 *Cloth covered bundle.* An item (such as most tents) pattern folded and packed by covering with jute, burlap, or cotton osnaburg cloth.

2.1.5 *Palletized unit load.* For the purpose of this standard, a palletized unit load shall consist of a container or a number of containers placed on a pallet, or skid platforms or runners, and secured thereto for the purpose of shipping as a unit.

2.1.6 *Cognizant activity.*

2.1.6.1 *For marking at contractors facilities.* Head of the bureau or service for which the supplies are procured.

2.1.6.2 *For marking at installations.* Head of the bureau or service having responsibility for storage and shipment.

2.1.7 *Methods of preservation and packaging.* Methods established by Military Specification MIL-P-116, Preservation, Method of.

2.1.8 *Levels of preservation, packaging, and packing.* Levels established by appropriate departmental instructions for Preservation, Packaging and Packing Levels.

2.2 **Marking terms.** Unless otherwise specified herein, when the following marking terms are specified, the words "Stock No.", "Nomenclature", etc., shall not be shown in the marking but the information indicated shall be completed as follows:

2.2.1 *Stock number.* The stock number shall be the exact stock number specified in the contract or order or as specified by the cognizant activity concerned. The Federal Stock Number shall be used when provided. When no FSN has been issued, the space immediately above the stock number used shall be left blank for subsequent placement of FSN. The stock number shall not be altered by any addition or deletion.

2.2.2 *Nomenclature.* Nomenclature shall be the exact nomenclature of the item specified in the contract or order or as specified by the cognizant activity concerned.

Note. Nomenclature shall consist of the item name approved and published by the Office of Cataloging, OASD, and such additional modifiers or portions of the approved item description as may be required by the cognizant activity. Abbreviated nomenclature as authorized by the cognizant activity concerned will be permitted.

2.2.2.1 *Assorted items.* When an assortment of items which cannot be identified under one stock number is packed in a shipping container, a brief description of the contents will be permitted in lieu of nomenclature, for example: "Repair parts for pump, centrifugal, 2-inch disc, gas eng-

Jaejer 2APS-1, 55 GPM, Ser 12345", or for unrelated items, "assorted items—see packing list."

2.2.3 *Specification number.* The specification number shall be that shown by the contract or order and shall include the revision designation and amendment, for example "MIL-P-6064A(2)". In addition, as applicable, type, grade, style, class, size, etc., shall be shown.

2.2.4 *Quantity.* Quantity shall be the number of units contained in each unit package, and the number of units of issue in each intermediate package, shipping container, bundle or secured lift. When specified by the cognizant activity concerned, the abbreviation "QTY" shall be used.

2.2.5 *Unit of issue.* Unit of issue shall be as specified in the contract or order. Following are examples of units of issue: piece, pair, bottle, can, each, dozen, gross, pound, gallon, yard etc. Unit of issue shall be used in conjunction with, and on the same line as number of designated units of issue. When specified by the cognizant activity concerned, the abbreviation "UN" shall be used.

2.2.6 *Gross weight.* The weight shown on shipping containers, bundles and secured lifts, etc., shall be the gross weight indicated to the nearest pound. The abbreviation "WT" shall be used.

2.2.7 *Net weight (air shipment) (Navy).* The net weight shown on air shipment containers for the Navy shall be the weight of the contents, not including dunnage, cushioning or the exterior container. The net weight shall be shown in pounds; fraction will be rounded to the next higher pound. The abbreviation "NET WT" shall be used. The net weight and gross weight shall both be shown on air shipments.

2.2.8 *Cube.* Cube shall be the cubic displacement of the shipping container bundle or secured lift, or the item, whichever is the greater, calculated from the extreme overall length, width, and height dimensions, and shall be shown in cubic feet to the nearest 1/10 cubic foot, expressed decimally. Irregular, cylindrical or round items shall be considered as rectangular solids. The abbreviation "CU" shall be used.

Inches expressed as decimals of a foot for calculation purposes shall be as follows:

1 inch	0.09	7 inches	0.58
2 inches	.17	8 inches	.67
3 inches	.25	9 inches	.75
4 inches	.33	10 inches	.83
5 inches	.42	11 inches	.92
6 inches	.50	12 inches	1.00

2.2.9 *Outside dimensions.* Outside dimensions shall be shown on all shipping containers, bundles or secured lifts, having a cube of 30 cubic feet or over or having any single dimension of 72 inches or over. Outside dimensions shall be shown in the order of length, width and height and shall appear in addition to the cube. Dimensions shall be shown in feet and inches to the nearest inch.

2.2.10 *Protection and date markings.* Unless otherwise specified, the markings required by 2.2.10.1, 2.2.10.1.1 and 2.2.10.1.2 shall be applied as applicable to all interior packages, shipping containers and palletized unit loads protected at level A or B (see 2.1.8). In addition, the markings required by 2.2.10.2 through 2.2.10.4.2.2 shall be applied under the conditions specified therein.

2.2.10.1 *Levels of preservation and packaging, packing, method of preservation and month and year preserved.*

2.2.10.1.1 *Interior packages.* Level and method of preservation specified in 5.1.1 shall indicate the level of preservation and packaging applied to the item (level A or B), the method of preservation (method I, IA etc. of Military Specification MIL-P-116, Preservation, Methods of) and month and

year preserved, and shall be marked in accordance with the following example: "A-1A-11/56".

2.2.10.1.2 *Shipping Containers and Palletized Loads (Identical Items).* The level of preservation and packaging of the contents, the level of packing, the method of preservation and the earliest interior package date, as specified in 6.1.1, shall be applied in accordance with the following example: A/A-1A-11/56. Where a shipping container or palletized load contains items with different level of preservation, packaging, packing or methods of preservation, markings for all items will be shown on the shipping container. Example: A/A-1A-11/56, A/B-1C-11/56.

2.2.10.1.3 *Shipping containers and palletized loads (Unlike Items).* Shipping containers and palletized loads with unlike items will not have the level of preservation and packaging of the contents, the level of packing, the method of preservation or the package date indicated thereon.

2.2.10.2 *Date manufactured.* For all items or assemblies required by applicable specifications, bulletins, drawings, or other documents to be marked with date of manufacture, the date of manufacture as required in the applicable document shall be used and shown on packages and containers. When two or more interior packages bear different dates of manufacture, only the earliest date shall be shown on the shipping container. When the contents of a shipping container includes two or more unlike items, no date will be required on the shipping container.

2.2.10.3 *Date cured.* For all rubber (or synthetic elastomers) items required by applicable specifications, bulletins, drawings, or other documents to be marked with cure date, the cure date as required in the applicable document shall be used and shown on packages and containers. When two or more interior packages bear different cure dates, only the earliest shall be shown on the shipping container. When the contents of a shipping container includes two or more unlike items, no date will be required on the shipping container.

2.2.10.4 *Expiration date.* The expiration date used shall be that date which has been established by the manufacturers or specified by an authorized activity. When two or more interior packages bear different expiration dates, only the earliest shall be shown on the shipping containers.

2.2.10.4.1 *Sensitized Materials.* For sensitized materials and for other items, specified in the contract or order, except drugs and biologicals, the expiration date shall be used and shown by month and year on packages and shipping containers, and shall be indicated as shown by the following example: "EXPIRES 4/54."

2.2.10.4.2 *Drugs and biologicals.* For drugs and biologicals (potency dated materials), both the date of manufacture and expiration date shall be used and shown by month and year on packages and containers, and shall be indicated as shown by the following example: "MFD 4/52 EXPIRES 4/54."

2.2.10.4.2.1 *Perishable biologicals requiring refrigerants.* For perishable biologicals requiring refrigerants (such as whole blood or smallpox vaccine), each shipping container shall prominently display the following information:

"PERISHABLE SHIPMENT ICED
(hour) AM ..... PM
DATE (day, month, year)
RE-ICE THIS CONTAINER WITH (number) POUNDS O F FRESH WATER
ICE OR DRY ICE EVERY (number) HOURS
MAINTAIN TEMPERATURE OF (number) DEGREES FAHRENHEIT"

2.2.10.4.2.2 *Perishable biologicals not requiring constant refrigeration.* For perishable biologicals not requiring constant refrigeration during shipment (other than yellow fever and smallpox vaccine), each shipping container shall prominently display the following information:

"RUSH BIOLOGICALS
REMOVED FROM REFRIGERATION
1..... ....
2..... ....
3..... ....
RETURNED TO REFRIGERATION
1..... ....
2..... ....
3..... ....."

To be delivered and returned to refrigeration as soon as possible. May be unrefrigerated for period of actual transit to receiving activity provided this can be accomplished within three or four days. If delayed enroute, return to refrigeration during delay.

"DO NOT FREEZE OR ALLOW TO BE SUBJECTED TO TEMPERATURES ABOVE 95°F. AT ANY TIME."

2.2.10.4.3 *Hazardous chemicals.* All package units of hazardous chemicals to be ultimately issued to the consumer who may be exposed to such chemicals under conditions of ordinary use shall have affixed thereto such warning labels as may be required in accordance with the Manufacturing Chemists Association's Manual L–1, A Guide for Preparation of Warning Labels for Hazardous Chemicals or in accordance with appropriate Department of Defense instructions as published which shall take precedence.

2.2.11 *Lot, batch, or control number.* Shall be that series of numbers or letters established by the manufacturer to record production and control of product.

2.2.12 *Serial number.* The serial number shall be that appearing on the item as assigned by the manufacturer or the Government for identification or control purposes, and when unit packaged shall be shown on each unit and intermediate package and shipping container, except when several items bearing consecutive serial numbers are packed in one container only the first and last number of the series shall be shown. Serial numbers assigned by the manufacturer solely for the purpose of indicating the quantity produced shall not be shown.

2.2.13 *Name and address of contractor or manufacturer.* The name and address of the contractor, or manufacturer when specified, shall be shown by name, city, and state only.

2.2.14 *Contract, purchase, order, or office identifying number.* The contract, purchase order, or office identifying number shall be that appearing on the procurement documents covering the shipment. When the contract and purchase order number are both shown, the purchase order number shall be used; and for the Medical Services, when the contract and office identifying numbers are both shown, the office identifying numbers shall be used.

2.2.15 *Shipping package number.*

2.2.15.1 *Overseas shipment.* Shipments identified with an overseas address shall be numbered as directed by the cognizant activity.

2.2.15.2 *Domestic shipment.* Unless otherwise specified by the cognizant activity, for domestic shipments of identical items, package numbers will not be required. For domestic shipment of mixed items, containers shall be numbered consecutively, starting with number 1, and the number shall show in addition, the total number of containers, palletized unit loads or unpacked items comprising the shipment, for example, package No. 2 of a 28-package shipment shall be indicated at "PKG2 of 28." The shipping package number for shipments within or between Military departments shall be in accordance with Bureau or Service regulations or instructions.

2.2.16 *Requisition, project, and consignment number.* The requisition, project, and