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10 April 1957

SUPERSEDING
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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New Page	*Date*	*Superseded page*	*Date*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New Page	*Date*	*Superseded page*	*Date*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
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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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MARKING FOR SHIPMENT AND STORAGE

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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New page	*Date*	*Superseded page*	*Date*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
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62	Deleted		
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66	6 January 1958	66	10 April 1957
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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

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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-

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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

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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:

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"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

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consignment number shall be that covering the shipment as furnished by the cognizant activity concerned.

2.2.17 *Air priority and authorization number.* The priority identification and air movement authorization shall be that appearing on the shipping documents as furnished by the appropriate routing office or air movement control agency.

2.2.18 *Destination markings.* (See 6.6.)

2.2.18.1 *Domestic address.* The domestic address shall be composed as follows:

FROM (Name of consignor and address) (City and state).

TO (Name of consignee and address) (Street, city, and state).

2.2.18.2 *Overseas address.* Overseas address shall be as specified by the cognizant activity and in accordance with the regulations contained herein. IT IS ESSENTIAL THAT THE OVERSEAS ADDRESS BE THE MOST CONSPICUOUS MARKING ON THE CONTAINER AND THAT IT BE AS LARGE AS THE AVAILABLE SPACE AND STENCIL LIMITATIONS WILL PERMIT (See 4.1.8.1.2). If a surface does not permit the placing of the overseas address all on one line, a break will be made only when a dash (space) occurs. On shipments marked in the clear (uncoded), breaks shall only be made between complete words.

2.2.19 *Service designations.* Service designation shall be that of the service originating the overseas requisitions as shown by the requisition number.

2.2.19.1 *Service colors.* Service colors shall match the indicated color of Federal Standard No. 595, Colors, except that service color for the Medical Service shall be that authorized by the cognizant activity.

2.2.19.1.1 Army, Service colors are assigned for the Army as follows:

Service	*Color*
Chemical Corps	Dark blue (35044)
Corps of Engineers	Red (11136)
Medical Service	Maroon
Quartermaster Corps	Willow green (14187)
Ordnance Corps	Yellow (13538)
Signal Corps	Orange (12246)
Transportation Corps	Light grey (16376)

2.2.19.1.2 *U. S. Air Force.* Service color blue (15193) is assigned for the Air Force. No service color markings shall be placed on air cargo for Air Force shipment.

2.2.19.1.3 *Navy.* Service color black (37038) is assigned for the Navy except for electronics (Navy) color green (14187) and Medical Supplies color maroon are assigned.

2.2.19.1.4 *Marine Corps.* Service colors are assigned for Marine Corps classes of material as follows (these service colors shall match the indicated color of Federal Standard No. 595, colors except that service color for the Medical Service shall be that authorized by the cognizant activity).

Item	*Class*	*Color*
1	Ordnance	Yellow (13538)
2	Aviation	Blue (15193)
3	Engineer	Red (11136)
4	Chemical	Dark blue (35044)
5	Electronics	Orange (12246)
6	Medical	Maroon
7	Quartermaster (General Supply)	Willow green (14187)
8	Post Exchange	Willow green (14187) with 3-inch X marked above.
9	Motor Transport	Willow green (14187) with 3-inch MT marked above.

2.2.19.1.5 *National Security Agency.* Service color purple (27144) is assigned for the National Security Agency.

2.2.19.2 *Service symbols.*

2.2.19.2.1 *Army services (see 8.3.5.2.3).* Army service symbols shall conform to the

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design shown on figure 1A The symbol shall be stenciled on the same surface immediately adjacent to the overseas address and shall be of a size commensurate with the size of the letters of the overseas address and shall be of the same color. When Engineer's symbol stencil is not available and 8-inch block letter E or E of a size proportional to the available space may be used.

2.2.19.2.2 *Navy Department bureaus and Coast Guard.* Bureau symbols shall conform to the design shown on figure IB. Navy Bureau and Coast Guard symbols shall be stenciled in black. Stencils for these symbols may be procured from the following sources under appropriate stock numbers indicated in Class 7520 of the Navy Stock list of general stores. Contractors may obtain stencils for Navy bureaus through the cognizant government inspector.

Navy bureaus:
From Naval Supply Depot, Scotia, 2, N. Y., and
Naval Supply Center, Oakland, Calif.

U. S. COAST GUARD
From Commanding Officer
Coast Guard Supply Center
3rd Avenue and 31st Street
Brooklyn 32, N. Y.

2.2.19.2.3 Marine corps symbol shall conform to the design shown on figure IB and shall be stenciled in the appropriate service color. Stencils for the Marine Corps symbol may be procured from U. S. Marine Corps Clothing Depot, 1100 South Broad Street, Philadelphia 46, Pennsylvania.

2.2.19.2.4 *Medical Services of the Armed Forces.* The symbol for the Medical Services of the Armed Forces shall be in accordance with the design shown on figure 2, and shall be stenciled in the appropriate service color specified in 2.2.19.1.1.

2.2.19.3 *Armed Forces Symbol for Subsistence.* The symbol for the Armed Forces for subsistence items shall be a solid black crescent conforming to the design shown on figure 13 and shall be used in lieu of service symbols.

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3. MATERIALS

3.1 General. All marking material shall be as specified herein or an alternate approved by the cognizant activity. When a particular marking material is not specified, the best material commercially available for the purpose and approved by the cognizant activity, shall be used. Marking material shall be free from defects and imperfections which may affect serviceability of the finished marking.

3.2 Waterproofing lacquer, varnish, label adhesive, cement and tape. Lacquer or spar varnish for protecting and waterproofing markings shall conform to Military Specification MIL-L-1118, Lacquer, Clear, Brushing; and Thinner and Federal Specification TT-V-121, Varnish, Spar, Water-Resisting, respectively (see 3.4). Label adhesive or cement shall conform to Military Specification MIL-A-4833, Adhesive, cellulose Nitrate Base and Military Specification MIL-A-3941, Adhesive and Protective Coating Material, Water-Resistant, for Paper Labels and Marking respectively. Transparent pressure sensitive tape for waterproofing markings shall conform to type III of Federal Specification L-T-101, Tape, Shielding, and Identification, Pressure Sensitive. Tape shall not be used to waterproof exterior container markings.

3.3 Undercoating material. When undercoat-stencil ink-overcoat method for porous surfaces or undercoat-stencil paint-overcoat method for nonporous surfaces is specified (see 4.1.1.3.1 and 4.1.1.3.2), undercoating material shall conform to the following:

3.3.1 *For pourous surfaces.* Undercoating material for porous surfaces shall be a white primer conforming to Federal Specification TT-I-25.

3.3.2 *For nonporous surfaces.* Undercoating material for nonporous surfaces shall be an olive drab enamel conforming to Federal Specification TT-E-485.

3.4 Overcoating material. When undercoat-stencil ink-overcoat or undercoat stencil paint-overcoat method is specified (see 4.1.1.3.1 and 4.1.1.3.2), overcoating material shall be clear spar varnish conforming to Federal Specification TT-V-121.

3.5 STENCIL MARKING MATERIAL

3.5.1 *Stencil ink.* Stencil ink shall conform to Federal Specification TT-I-558 (for marking nonporous surfaces: metal, glass, etc.) or TT-I-559 (for marking porous surfaces: wooden boxes, fiber cartons, etc.) as applicable.

3.5.2 *Lacquer, enamel, and gasoline soluble paint.* Lacquer and enamel for stenciling shall conform to Military Specification MIL-L-6805, Lacquer, Camouflage and Federal Specification TT-E-489, Enamel; Gloss, Synthetic (For exterior and interior surfaces), respectively. Gasoline soluble paint for marking unboxed and uncrated equipment such as vehicles where applied directly to the item shall conform to Military Specification MIL-P-13983. Paint, Lusterless, Gasoline Removable.

3.6 Obliterating lacquer, enamel, or paint. Obliterating lacquer shall conform to Military Specification MIL-L-13923, Lacquer, Lusterless Sand, Obliterating. Lusterless enamel shall conform to Military Specification MIL-E-74, Enamel, Lusterless, Quick Drying, and shall be sand color 30277 of Federal Standard No. 595, Colors. A quick drying opaque paint, when approved by the cognizant activity, may be used for obliterating marking.

3.7 Labels. Unless otherwise authorized by the cognizant activity, labels shall be made

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of white paper containing not more than 15 percent unbleached or ground wood pulp and shall have a smooth finish.

3.8 **Tags.** Unless otherwise specified, cloth and paper shipping tags shall be white or manila color. Tags and twine or wire for stringing shall conform to the minimum requirements of Federal Specification UU-T-81, Tags, Shipping, and Stock. Metal shipping tags shall be corrosion resistant.

3.9 **Waterproof envelopes.** Waterproof envelopes for packing lists, bills of lading, shipping documents, etc., shall conform to Military Specification MIL-E-4069, Envelopes, Packing Lists, Water-Resistant.

3.10 **Decals and transfers.** Decals and transfers may be used when permitted by the cognizant activity or departmental regulations.

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4. METHODS AND SIZE OF MARKINGS

4.1 INTERIOR PACKAGES, UNPACKAGED ITEMS, SHIPPING CONTAINERS AND LOOSE OR UNPACKED ITEMS

4.1.1 *General.* Marking of interior packages, shipping containers and unpacked items shall be accomplished by stenciling, printing, lithographing, silk screening, photo marking, and other similar processes, embossing, roller coating, stamping or by use of tags or labels as specified herein.

4.1.1.1 *Condition of surfaces to be marked.* All surfaces to be marked shall be clean and entirely free of oil and grease, and any marks not applicable to the shipment contemplated shall be removed by covering with obliterating lacquer, enamel or paint (see 3.6).

4.1.1.2 *Legibility and durability of markings.* All markings shall be clear and legible and not less than the size specified (see 4.1.8). Markings shall be non-fading and durable.

4.1.1.3 *Protection of marking.* When specified herein (see 4.1.5 and 4.1.6), or required by the cognizant activity concerned, marking shall be protected by a coating of transparent waterproof protective lacquer, adhesive or clear spar varnish (see 3.2). When required by the cognizant activity concerned, markings shall be protected by methods specified in 4.1.1.3.1 and 4.1.1.3.2. Transparent pressure sensitive tape (see 3.2) may be used for protecting or waterproofing the markings on interior packages, but shall not be used on exterior containers.

4.1.1.3.1 *Undercoat-stencil ink-overcoat method.* When specified by the cognizant activity, marking of porous surfaces of shipping containers and unpainted items shall be accomplished by an undercoat-stencil ink-overcoat method. The marking area of the container surfaces shall be given a smooth, even coating of applicable undercoating material prior to stenciling. (see 3.3). After stenciling with stencil ink, a smooth, even coat of overcoating material shall be applied (see 3.4).

4.1.1.3.2 *Undercoat-stencil paint-overcoat method.* When specified by the cognizant activity, marking of nonporous surfaces of shipping containers and unpainted items shall be accomplished by an undercoat-stencil paint-overcoat method. The marking area of the container surface and unpainted item shall be given a smooth, even coating of the applicable undercoating material prior to stenciling with stencil paint (see 3.3). After stenciling, a smooth, even coat of overcoating material shall be applied (see 3.4).

4.1.1.4 *Use of labels.* The use of labels on the shipping containers is prohibited except for the domestic address or when required by regulation or statute (see 6.9) and where the size and type of shipping container does not permit stenciling in accordance with specified sizes or where specifically authorized herein (see 4.1.6, 5.5, 6.1.2, 6.3, 8.3.4.1, 8.6 and 8.13.1).

4.1.1.5 *Hand lettering.* When authorized, by the cognizant activity, hand lettering may be used providing the lettering is of uniform size, legible, and meets all other marking requirements, except that hand lettering of labels is not permitted.

4.1.2 *Stenciling.* Stenciling shall be accomplished by brushing, rolling, or spraying a sharply cut stencil with stencil ink, lacquer, or enamel. Stencil materials shall not be excessively thinned.

4.1.3 *Printing.* At the option of the contractor, required markings may be printed

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directly on containers at the time of manufacture. Such markings may be applied on all interior and exterior containers.

4.1.4 *Lithographing, embossing, roller coating, or stamping.* When lithographing or roller coating of markings is authorized, commercial enamels, lacquers or inks, in the color specified, offering the greatest durability on exposure to field service conditions, shall be employed. When stamping is specified, commercial waterproof and petroleum resistant inks, in the color specified, offering the greatest durability on exposure to field service conditions, shall be used.

4.1.5 *Tags.* A metal, waterproofed cloth or waterproofed paper shipping tag, bearing the required markings shall be used when specified hereinafter (see 8.3.2.1, 8.3.3.1. 8.3.4.1, 8.4.5, 8.5.1, 8.5.2, 8.6, 8.7, 8.8, 8.9 and 8.12) or whenever the container, unpackaged item or unpacked item is such that it is impossible to stencil marking thereon, or impracticable to use a label. Cloth or paper shipping tags, after the markings have been added, shall be coated on both sides with a transparent waterproof protective lacquer, adhesive or cement (see 3.2). Tags shall be attached with wire or twine (see 3.8). Wires shall not be smaller than 23 gage (0.0258 inch diameter) tag wire or other suitable corrosion resistant metal fastener. When rusting of tag wire will affect or damage the item to which the tag is attached, then twine specified in 3.8 shall be used for attaching tags. Markings on tags other than metal shall be printed with waterproof ink or typed; metal tags, with dies or punches. Maximum size of tags shall be 28 square inches.

4.1.6 *Labels.*

4.1.6.1 *For shipping containers, paper wrapped rolls, and unpacked items.* When labels are used the required markings shall be printed, typed, or reproduced. The maximum size of labels shall be 28 square inches, except for regulation and statute marking (see 6.9), foreign aid shipments (see 6.10), and special markings (see section 7). Labels shall not be used on metal surfaces except as required by regulations or statute (see 6.9) or when specifically authorized by the cognizant activity concerned.

4.1.6.1.1 *Securing of labels (shipping containers).* Labels for level A or B packs shall be securely affixed in place with water resistant label adhesive, as specified in 3.2, placed on the complete underside of the label. Labels for level C packs shall be securely affixed in place with adhesive in accordance with commercial practice.

4.1.6.1.2 *Protective coating of labels.* Labels for level A and B packs shall be waterproofed by coating the entire outer surface of the label with waterproof lacquer, varnish, or label adhesive (see 3.2). The label adhesive shall not smear or blur the markings. Labels printed on the underside having heat activated adhesive will not require protective coating. Labels for level C packs will require no protective coating.

4.1.6.2 *For interior packages.* Required markings on labels for interior packages shall be printed, typed, or reproduced. Size of the label shall be consistent with the size of the package and of a size which will permit ready identification. Pressure sensitive and heat activated plastic coated labels may be used in lieu of paper labels.

4.1.6.2.1 *Securing of labels (interior packages).* Labels for level *A and B packages* shall be securely affixed in place with water resistant label adhesive, as specified in 3.2, placed on the complete underside of the label. Labels for level C packs shall be securely affixed in place with adhesive in accordance with commercial practice.

4.1.6.2.2 *Protective coating of labels (interior packages).* Unless otherwise specified, all labels for level A packages shall be waterproofed by coating the entire outer surface of the label with waterproof lacquer, varnish, or label adhesive or by use of trans-

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parent pressure sensitive tape specified in 3.2. The label adhesive shall not smear or blur the markings. Labels printed on the underside having heat activated adhesive will not require protective coating. Labels for level B and C packages will require no protective coating.

4.1.7 *Color or markings other than service designation markings.* Unless otherwise specified herein, color of all markings, other than service designation markings, shall be black except that when applied on surfaces where black is not legible, then the color used shall provide a definite contrast. Yellow or white lettering shall be applied over lusterless olive drab coloring on metal drums.

4.1.8 *Size lettering.* Unless otherwise specified herein, lettering for all marking shall be in capital letters of equal height, as large as possible, within the sizes specified, and proportional to the available space, when the size of the container permits (see 8.6).

4.1.8.1 *For shipping containers.*

4.1.8.1.1 *Markings other than overseas address.* Lettering for markings other than overseas address shall be not less than 7/16 nor more than 1 inch in height.

4.1.8.1.2 *Overseas address.* Lettering for overseas address shall be not less than 3/4 nor more than 3 inches in height.

4.1.8.2 *For interior packages.* The size of the lettering shall be consistent with the size of the package.

4.1.8.3 *Tags and labels.* Markings on paper or cloth tags and paper labels shall be not less than 12 point type; metal tags, 3/16 inch.

4.1.8.4 *Arrows.* The length of the arrows shall be not less than 1 inch and the stem not less than 1/2 inch wide, and the size of the arrow shall be proportioned to the available space.

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5. INTERIOR PACKAGE MARKING OTHER THAN SUBSISTENCE

5.1 Unit and intermediate packages. Unless otherwise specified the following information shall appear on unit and intermediate packages in the order listed. When an element is not applicable, it shall be replaced by the next applicable element (see 2.2) :

5.1.1 *Level A, B, and C packages.*

(a) Stock number or other identification number as specified (see 2.2.1).

(b) Nomenclature (see 2.2.2).

(c) Specification number (when specified). (See 2.2.3.)

(d) Quantity and unit (see 2.2.4 and 2.2.5).

(e) Contract, order number, or office identifying number (see 2.2.14).

(f) Manufacturer's name (when manufacturer is also the contractor only one designation will be made followed by MFG/CONTR.).

(g) Manufacturer's part number (when specified).

(h) Name of contractor.

(i) Protection and date marking[1] (level of preservation and packaging and method of presrvation and date). (See 2.2.10.)

(j) Serial number (when specified) (see 2.2.12).

(k) Lot, batch or control number (as required by statute or when specified). (See 2.2.11.)

5.2 Fragile items. Unit and intermediate packages containing delicate or fragile articles shall be marked to indicate the fragility.

5.3 Arrows. Where consideration of the safety of the contents of unit or intermediate packages necessitates that the container be stacked with the top surface up, the containers shall be marked as specified in 7.3.2.

5.4 Fungus-proofing (tropicalization). When contracts or orders specify that certain equipment, component, or parts shall be moisture fungus proofed, each unit or intermediate package containing materials so treated shall be marked with the symbol "MFP".

5.5 Method II, unit pack. Method II packs which are interior packages shall bear a precautionary label (see fig. 18) on all unit packs.

5.6 VCI unit pack. Units protected with VCI materials shall be marked with a label conforming to Military Standard MS 16110, Label, Volatile Corrosion Inhibitor.

5.7 Radiation hazard. Unit and intermediate containers containing radioactive material shall be marked in accordance with figure 15 or statute markings.

[1] When ommission of date marking is required, for security reasons, it shall be specified in the contract or order.

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6. STANDARD MARKINGS FOR SHIPMENT OR STORAGE (SHIPPING CONTAINERS, PALLETIZED UNIT LOADS AND UNPACKED ITEMS OTHER THAN SUBSISTENCE ITEMS AND PETROLEUM PRODUCTS)

6.1 Identification marking. Identification marking shall be composed of the following information (see 2.2).

6.1.1 *Level A and B packs.*

(a) Stock number or other identification number as specified (see 2.2.1).

(b) Nomenclature (see 2.2.2).

(c) Specification number (when specified (See 2.2.3)

(d) Quantity and unit (see 2.2.4 and 2.2.5)

(e) Protection and date marking[1] (level of preservation and packaging, and packing, and method of preservation and date) (see 2.2.10)

(f) Lot, batch or control number (as required by statute or when specified) (see 2.2.11)

(g) Serial number (when specified) (see 2.2.12)

(h) Manufacturer's part number (when specified).

(i) Gross weight and cube (see 2.2.6 and 2.2.8)

(j) Net weight on air and overseas shipments (when required by customs regulations of destination country).

(k) Outside dimensions (when applicable) (see 2.2.9)

Identification marking is basic and shall appear on all shipping containers, palletized unit loads and unpacked items, except shipping sacks (see 8.11). For examples and arrangement of markings see figures 4A through 9D. Arrangement of markings should be followed as closely as available space permits.

6.1.2 *Level C pack.* Shall be marked as specified for level A and level B except labels may be used.

6.2 Contract data marking. Contract data marking shall be composed of the following information (see 2.2):

(a) Name and address of contractor

(b) Contract or purchase order number or office identifying number and modification for change order number when applicable.

(c) Requisition, project, consignment number or procurement instruction number (when applicable).

(d) Shipment number as shown on DD Form 250

(e) Air priority and authorization number (when applicable)

Items (a) and (b) of the contract data marking are basic and shall appear on all shipping containers, palletized unit loads, and unpacked items, except shipping sacks (see 8.11). Items (c), (d) and (e) shall be included as applicable. When the name and address of the contractor are the same as the name of the consignor (see 2.2.18.1), and when both markings are located on the same face of the shipping container, the name and address of the contractor may be omitted from the contract data marking. For examples and arrangement of markings, see figures 4A through 9D. For shipments repacked by military installations, items (a), (b), and (c) of the contract data marking may be omitted.

[1] When omission of date marking is required, for security reasons, it shall be specified in the contract or order.

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6.3 Method II packs. Method II packs which are shipping containers shall bear a precautionary label (see fig. 18).

6.4 SHIPPING PACKAGE NUMBER

6.4.1 *For domestic shipment.* Shipping package number shall be applied as specified in 2.2.15.2 for mixed items and shall be located to the right of the identification marking (see fig. 4A).

6.4.2 *For overseas shipment.* Shipping package number shall be as specified by the cognizant activity.

6.5 Bill of lading, shipping order or voucher number. Unless otherwise specified by the cognizant activity concerned, bill of lading, shipping order, or voucher number shall be applied on all shipping containers, palletized unit loads, unpacked items, etc., and shall be located, where practicable, to the right of the identification marking and immediately below the shipping package number where shipping package number is required (see 2.2.15). When labels or tags are used, the bill of lading, shipping order, or voucher number shall be on the area most suitable for the purpose.

6.6 Destination marking. The domestic and overseas address shall be as specified in 2.2.-18 and shall appear on containers, palletized unit loads, sacks, and unpacked items as specified in 1.5 and 1.6.

6.7 Service designations. (See 2.2.19 and 8.3.5). Service designations shall be applied to all packs of items consigned to overseas destinations or purchased to fill overseas requirements. On Interservice Requisitions, service color markings shall be as applicable to the requisitioning service.

6.8 PACKING LIST, INVOICE AND SHIPPING DOCUMENTS TO ACCOMPANY SHIPMENT

6.8.1 *Packing list.* For containers packed with unlike items where full description of the contents cannot be shown on the container, separate packing lists shall be prepared as required, for each box or container. One copy shall be placed inside of the container on top of the contents and shall be sealed within the waterproof case liner when such is used, or otherwise shall be sealed in a waterproof envelope, and one copy placed in a waterproof envelope which shall be tacked, stapled, or otherwise securely attached to the outside of the container in the most protected location (preferably the end of the container on which identification marking appears, between the cleats). For overseas shipment, the waterproof envelope shall be further protected with a packing list protector fabricated of plastic, plywood, metal, or other durable material which shall be tacked, stapled, or otherwise securely attached over the packing list. The words "PACKING LIST" shall be embossed or shall be imprinted on the outside face of the protector with waterproof black or red ink in letters not less than ¾ inch high. Tacks or staples shall not be driven into the envelope in such a manner as to fasten or bind packing lists nor shall they be of such length as to penetrate the shipping container.

6.8.1.1 *Cargo Transporter (CONEX).* A packing list shall be prepared for each Cargo Transporter (CONEX) listing the contents (FSN, nomenclature, unit and quantity). The list shall be inserted into a waterproof packing list envelope and placed in a cloth bag attached to a container located in such a manner as to be readily accessible when the door of the Cargo Transporter is opened.

6.8.1.2 Shipments of classified material shall not have packing lists affixed to the outside of the container. Appropriate instructions will be issued by the cognizant activity concerned or by departmental regulations.

6.8.1.3 With such items as drugs, narcotics, intoxicating liquors, maps, precious

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metals, currency, watches, jewelry, and similar valuables, when it is not advisable that the nature of the contents be generally known, a complete packing list(s) as required shall be placed inside the container.

6.8.2 *Invoice.* When required an invoice shall be prepared on all shipments. When an invoice is to accompany shipments, on both domestic and overseas shipments, a copy of the invoice shall be included inside one container of each shipment and the marking on the outside of the container shall indicate inclosure. A copy of the invoice placed in a waterproof envelope shall also be attached to the outside of one container. When material under a single requisition is packed in more than one container, the copy of the invoice shall be attached to container number 1. This copy will cross-reference items to container or box numbers. On an individual container, when a copy of the invoice will serve as a packing list, it will not be necessary to provide a separate packing list, when permitted by the procuring activity or departmental regulations.

6.8.3 *Shipping documents.* When required, shipping documents shall be inclosed in a waterproof envelope and securely attached in a protected location to the number one container of the shipment in a manner to facilitate easy access for inspection purposes. The words "SHIPPING DOCUMENTS" or, when applicable "BILL OF LADING" shall be marked on the outside face of the waterproof envelope with black waterproof ink or marking crayon.

6.9 Precautionary, regulation, and statute marking. Special handlings, instructions, markings and warnings shall be shown as required by the Interstate Commerce Commission regulations, U. S. Coast Guard regulations, Civil Aeronautics Board publications and by statute regardless of destination of shipment.

6.10 MARKING OF FOREIGN AID SHIPMENTS

6.10.1 *General.* All Foreign Aid Shipments to recipient foreign governments and international organizations (e.g., grant aid, civilian aid, reinbursable aid, etc.) except those shown in paragraph 6.10.4, whether shipped from the Continental United States, oversea stocks, or offshore procurement sources, shall be identified with Foreign Aid labels, metal tags (minimum .015 inch thickness), or paper tags as shown in figure 16 and as required by 6.10.2 and 6.10.3. Foreign Aid labels shall be printed on ungummed white stock, conforming to the requirements of 3.7 Labels, and shall be nonfading and durable. The label sizes shall be 2⅜ by 3⅛ inches, 5 by 6$^{9}/_{16}$ inches, 8½ by 11$^{3}/_{16}$ inches, and 11 by 14½ inches. Paper Foreign Aid tags shall be 6¼ by 3⅛ inches, size 8, Type B, Class 2, Grade 15 SU of Federal Specification UU-T-81, Tags, Shipping and Stock, and printed on both sides with the Foreign Aid emblem. They shall be strung with either tinned annealed or galvanized tag wire unless special wire fastening devices are used. The largest possible shield shall be printed on the paper tag and each size of label. The largest possible size label consistent with available space shall be used for marking purposes. Labels or tags shall be affixed as required in 6.10.2 and 6.10.3, regardless of the type of transportation involved, or the levels of preservation and packaging or packing.

6.10.2 *Interior packages.* When paperboard boxes, bags, cans, bottles, or other interior containers, usually printed or carrying a printed affixed label, are required in large quantities for packaging a Foreign Aid item, but are not yet printed at the time of contract, the Foreign Aid label in color, as shown in figure 16, will be applied at time of printing. When shipment of an item is made from contractor or depot stocks, marking of interior packages with the Foreign Aid label will not be required.

6.10.3 *Exterior packages.* All exterior boxes (including those CONEX containers), crates, bales, shipping sacks, and bundles of lumber; all drums, barrels, kegs, and

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pails; all explosives, all vehicles, tanks, cranes, and other heavy equipment; and all loose unpacked items, shall be marked as hereinafter specified with the Foreign Aid label or tag in color, as shown in figure 16. Labels shall be applied and entirely overcoated with label adhesive as specified in 3.2 which shall conform to Specification MIL-A-3941.

6.10.3.1 Boxes (except explosives), crates, bales, bags and shipping sacks when shipped as individual units or consolidated into larger containers shall be labeled with the Foreign Aid label on a side and end. One label shall be applied on the side which carries the identification markings; the other shall appear on the clear end. See figures 4D, 5B, 8B, 10A and 10C.

6.10.3.2 Drums, barrels, kegs, pails, and other round containers (except explosives), when shipped as individual units or consolidated into larger containers shall be labeled with the Foreign Aid label on two opposite sides . Labels shall be placed as shown in figures 7B and 7D.

6.10.3.3 Vehicles, tanks, cranes, and other large unpacked pieces of equipment shall be conspicuously labeled with the Foreign Aid labels on one side and one end.

6.10.3.4 Bags, bales or bundles of items, such as rods, tubes, brooms, etc., shall be tagged with a minimum of two Foreign Aid tags as described in 6.10.1.

6.10.3.5 Loose unpacked items (except explosives), such as tires, large pipe, etc., when large enough to carry the Foreign Aid label shall have the label applied directly to the item in a conspicuous position. Where loose or unpacked items are too small for such direct application, or the surface is of such nature that the label will not readily adhere thereto, they shall be tagged with the Foreign Aid label as required in 6.10.3.4.

6.10.3.6 Palletized items or containers (except explosives), known to be destined for a foreign recipient at time of palletization, shall be individually labeled or tagged with the Foreign Aid label as prescribed in the foregoing paragraphs. Items or containers already palletized, when taken from stock, shall be labeled or tagged with the Foreign Aid label on a surface accessible from the outside of the load.

6.10.3.7 Explosives on pallets or in boxes, drums, kegs or metal shipping containers will be labeled with the Foreign Aid label in two different locations.

6.10.4 *Labeling exceptions.* Foreign Aid shipments for United Nations Korean Reconstruction Agency or to the United Nations Donation for Relief in Korea are not required to be marked with the shield shown in figure 16. Redistributable MAP property being transferred from one recipient foreign government to another will not be marked with the Foreign Aid emblem. Shipments of bulk items such as coal, grain, and oil are also exempt.

6.11 Marking of disaster relief shipments to foreign countries. Foreign aid labels or tags shall be affixed to disaster relief shipments to foreign countries. Labeling or tagging procedures specified in 6.10 shall be used.

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7. SPECIAL MARKINGS ON CONTAINERS OR UNBOXED SUPPLIES AND EQUIPMENT

7.1 RESTRICTIVE MARKINGS

7.1.1 *Classified material.* When classified material is being shipped, marking shall be as specified by the cognizant activity concerned. Except as specified in Section 9 any markings indicating the nature of the classified material, its manufacture, and its confidential, or secret classification shall not appear on the outside of the container.

7.1.2 *Valuable and security items.* On such items as certain drugs, radio-active materials, radio crystals, precious metals, navigation watches, clocks, sun glasses, flight clothing, etc., the marking shall be as specified by the cognizant activity concerned. For symbol to be used for radio-active materials see figure 15.

7.1.3 *Code marking.* Code marking, when required, shall be as specified by the cognizant activity concerned.

7.2 **Set or assembly marking.** When a set or assembly is shipped the following set or assembly marking (as applicable) shall appear on the container and shall be placed on the side and end containing the identification marking, and located in the lower right hand corner (see fig. 6A).

7.2.1 *Regular (other than machines and calibrated components).* When a set or assembly is packed in two or more shipping containers, and is interchangeable with any other set or assembly bearing the same stock number and type designation, and is comprised of components not especially calibrated with each other, but interchangeable with other similar components of any other set or assembly bearing the same stock number and type designation, each container shall be marked with the number of the set or assembly within each shipment, with its own number within the set and total number of containers comprising the set. A 2-inch colored disc shall be placed immediately above these numbers. The shipping containers shall be numbered within each set so that like components shall always be contained in like numbered containers of all sets, and the total number of containers employed per set, for a given item, shall not vary. The color of the disc for Army or Air Force shipments shall be the appropriate Service color of the shipping service. For the Navy Bureaus and Marine Corps, the color shall be black. When shipment is made by a Military organization other than the shipping Services, the color shall be red. Thus, a box which is the second container of a group of four comprising a set, should be marked as follows:

●
Set 28
Pkg 2 of 4

7.2.2 *Machines and other items (disassembled).* When a machine or item is disassembled for shipment and the component parts are packed in two or more containers, each container shall be marked as specified in 7.2.1, except that the serial number of the machine or item that has been disassembled shall be shown immediately below the number which identifies the individual container and the total containers comprising the set or assembly. For example:

●
Set 2
Pkg 1 of 3
Serial 19864.

7.2.2.1 When an item which does not have a serial number is disassembled for shipment, and the parts of the item are not interchangeable with parts of a similar item, then the set comprising the noninterchangeable parts shall be indicated by using

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a date followed by a capital letter in lieu of a serial number. For example:

●
Set 2
Pkg 1 of 3
12-1-52A

7.2.3 *Calibrated components.* When the components of a single stock-numbered item are packed in two or more shipping containers, and the component packed in one shipping container is especially calibrated to the component packed in another shipping container, then each container, in addition to the marking specified in 7.2.1, shall be marked with the serial number of the item. The shipping containers shall be numbered within each set so that the like contents shall always be contained in like numbered containers of all sets and the total number of containers employed per set for an item shall not vary.

7.3 HANDLING MARKINGS

7.3.1 *Fragile items.* Unless otherwise specified herein (see 5.2), at least three surfaces of all rectangular containers or three equally spaced points on the circumference of cylindrical containers packed with delicate or fragile articles shall be marked "fragile" by any of the applicable methods listed below (see fig. 3). The fragile marking shall not be used indiscriminately, and shall be used only on those containers which, because of the delicate or fragile nature of their contents, require particular care in handling. The fragile marking shall not be placed on the lower one-third of the sides unless specifically required by regulations or statute.

7.3.1.1 *Fragile labels.* The label shall be imprinted with a red fractured disc (see fig. 3) on which is imposed in white the word "Fragile." The labels shall be either cut out to the shape of the fragile disc or imprinted on square material. The size of the discs shall be 2⅛, 3¾ or 5¼ inches in diameter depending on the size of the container. When imprinted on square material, the above size discs shall be on 2½, 4, or 6 inch squares, respectively. Labels shall be either solvent activated or of the pressure-sensitive type affixed and placed so as to be conspicuous but not interfere with any other markings.

7.3.1.2 *Fragile stencils.* Stencils may be used in lieu of labels for imprinting the fragile disc on shipping containers providing the word "Fragile" imposed on the red disc is in contrasting color. The size of the discs shall be either 2⅛, 3¾ or 5¼ inches in diameter depending on the size of the container.

7.3.1.3 *Fragile imprints.* Containers imprinted with the fractured disc may be used in lieu of labels providing the color of the background (and color which forms the word fragile, etc.) is in contrast to the red of the fractured disc. The size of the disc shall be either 2⅛, 3¾ or 5¼ inches in diameter depending on the size of the container. The imprint shall be of a permanent nature.

7.3.2 *Arrows.* Where consideration of the safety of the contents necessitates that the containers be stacked with the top surface up, two sides of rectangular containers and two equidistant points on circumference of cylindrical containers shall be stenciled with the word "UP", and an arrow pointing toward the top of the containers shall be placed beneath each stenciled word. Arrows shall be employed only to indicate, or supplement the words "This Side Up." These markings shall not be used indiscriminately and are to be affixed only when it is essential.

7.3.3 *Equipment including battery.* When equipment includes a battery, the type of battery shall be plainly marked in large letters directly under description of contents as "WET BATTERY CHARGED", "UNFILL-

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ED BATTERY — NOT CHARGED", "UNFILLED BATTERY — CHARGED", or "DRY CELL BATTERY."

7.3.4 *Boxes containing electrolyte.* Boxes containing electrolyte shall be conspicuously marked with the words "CONTAINS ELECTROLYTE CORROSIVE LIQUID PACKED ACCORDING TO ICC (OR COAST GUARD) REGULATIONS" as applicable.

7.3.5 *Shipment without tires.* Shipments of equipment without normal complement of tires shall be plainly marked in large letters directly under the description of contents "NOT EQUIPPED WITH TIRES."

7.3.6 *Center of balance and sling points.* A ½-inch wide vertical line locating center of balance shall be painted on the bottom edge of both sides of containers over 10 feet in length or those which are unbalanced and the same shall be identified by stenciling or printing in 1-inch letters, the words "CENTER OF BALANCE" immediately above or alongside of the mark (see fig. 6A). It shall be left to the discretion of the cognizant activity, as to which other containers shall be so marked in the interest of safe handling. On unboxed or mobile equipment, the location of sling points shall be marked in red with the words "SLING POINTS" immediately above or alongside of the mark.

7.3.7 *Precautionary markings.* Marking such as "TOP," "GLASS," "KEEP DRY," "PERISHABLE," "KEEP FROZEN," or other special handling instructions of a similar nature shall appear on shipping containers as applicable. However, such markings shall not interfere or obscure other markings on shipping containers.

7.3.8 *Boxes and packages containing magnets, magnetron magnets and magnetron tubes.*

7.3.8.1 *Suitable for air shipment.* Boxes and packages containing magnets, magnetron magnets and magnetron tubes suitable for air shipment shall be conspicuously marked on two opposite sides with a RED CAUTION label with white lettering as follows:

MAGNETIC EQUIPMENT
CAUTION
SUITABLE FOR AIR SHIPMENT IF MAINTAINED A DISTANCE OF SEVEN (7) FEET OR MORE FROM COMPASS SENSING DEVICES

7.3.8.2 *Not suitable for air shipment.* Boxes and packages containing magnets, magnetron magnets, or magnetron tubes not suitable for air shipment shall be conspicuously marked on two opposite sides with a RED CAUTION label with white letters as follows:

CAUTION
NOT FOR AIR SHIPMENT
THIS PACKAGE CONTAINS
MAGNETIC EQUIPMENT
DO NOT STORE OR PARK WITHIN FIFTY FEET OF PARKED AIRCRAFT OR CARGO WHICH MAY BE AFFECTED

7.3.8.3 *Size of label.* Labels shall be 5 by 4 inches or 10 by 8 inches in size depending upon the size of the box or package.

7.3.9 *Radiation hazard.* Shipping containers, etc., (see 7.1.2) containing radioactive materials shall be marked with the radiation hazard label, figure 15 or statute markings.

7.3.10 Legend "USE NO HOOKS". Unless otherwise specified by the cognizant activity, the legend "USE NO HOOKS" in letters not less than 1½ inches in height shall be stenciled on all shipping containers susceptible to damage by use of hooks. In addition, a hook symbol with a superimposed "X" sufficiently heavy to convey the intended prohibitory use of the hook shall be placed directly beneath the legend. Legend and hook shall be labeled or stenciled in the

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center of each side of the container. (See fig. 8A and 17).

7.3.11 *Load bearing areas.* When shipping containers and contents are subject to damage caused by "bending" and "twisting" from uneven container stresses or strains, load bearing areas and lift points shall be marked on the exterior of the container.

7.4 **Structural markings.** When applicable, the following structural markings shall appear on shipping containers and shall be located on or near the structure described (see fig. 6A):

(a) "INSPECTION DOOR."

(b) "BATTERY INSPECTION DOOR."

(c) "REMOVE TOP FIRST."

(d) "TO OPEN UNSCREW TOP."

(e) "REUSABLE CONTAINER."

(f) "CUT STRAPPING."

7.5 **Preservation marking.** (See 2.2.10, 5.5, 5.6, 6.3 and fig. 18).

7.5.1 *Waterproof case liner.* Unless otherwise specified by the cognizant activity concerned, all shipping containers which have been lined with a sealed waterproof case liner shall be clearly marked on marked end and one side of containers, preferably on side on which identification marking appears, as follows:

SEALED WATERPROOF CASE LINER
DO NOT OPEN EXCEPT FOR USE
OR INSPECTION

7.5.2 *Fungus proofing (tropicalization).* Each shipping container containing equipment, component, or parts which have been moisture fungus proofed shall be marked with the symbol "MFP."

7.6 PACKING MARKINGS

7.6.1 *Air shipments.* When shipments are specifically packed for movement by air transportation in lightweight containers that will not withstand movement by land transport to destination, the containers will be stenciled on the top side "PACKED FOR AIR ONLY."

7.7 **Technical data marking.** Technical data marking, when required, shall be shown in accordance with the instructions, specifications, and drawings, for such markings as supplied by the cognizant activity concerned.

7.8 **Special assembly instructions and warnings.** When special assembly instructions and warnings are required, they shall be supplied by the shipper and shall be conspicuously indicated.

7.9 **Service data.** When drawings, pamphlets, books, spare parts lists, or wiring diagrams to be used for installation, operation, or maintenance of the equipment are packed within the same shipping container as the major item or component part; such containers shall be marked to indicate that such material is contained therein and shall be located on the side opposite from the one marked with the identification marking.

7.10 **Engineering or technical order changes or modifications.** When items have been changed or modified in accordance with technical order instructions and when the procuring activity has specified a particular modification by the technical order number and date of issue, it shall be the responsibility of the contractor to include in all markings an appropriate indication of the change or modification.

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8. LOCATION OF MARKINGS ON INTERIOR PACKAGES, UNPACKAGED ITEMS, SHIPPING CONTAINERS, PALLETIZED UNIT LOADS AND UNPACKED ITEMS OTHER THAN FOR SUBSISTENCE ITEMS AND PETROLEUM PRODUCTS

8.1 General. The required markings for other than subsistence items and petroleum products shall be placed in the location herein specified but, so as not to be obscured by cleats or strapping. Arrangements of marings shall be as shown on applicable figures.

8.2 Interior packages and unpackaged items. Wherever practical, marking on interior packages and unpackaged items shall be located so as to allow its being easily read when stored on shelves or stacked and to insure that the marking will not be destroyed when the package is opened for inspection or until contents have been used.

8.3 Boxes and crates. For the purposes of this standard, it is assumed that the box or crate will have two ends, two sides, a top, and a bottom. Open crates and other irregular containers shall be marked to conform to this standard as closely as the available space and shape of the container will permit. For location and methods of marking small containers see 8.6. (See figure 4A through 6B.)

8.3.1 *One end, top, and bottom.* One end and the top and bottom shall always be free of any markings except service color markings required by regulation or statute or necessary for safe handling.

8.3.2 *Other end.*

8.3.2.1 *Identification marking.* Identification marking (see 6.1) shall be stenciled or printed directly on the upper two-thirds of the end of the container. When permitted by the cognizant activity, metal tags may be used and shall be fastened securely to the container. When container is 10 cubic feet or under, only the stock number, quantity and unit need be applied on the end.

8.3.2.2 *Overseas address.* Overseas address (see 1.6) shall be stenciled or printed directly on the lower one-third of the end of the container. When container is 10 cubic feet or under, the overseas address shall be omitted from the end.

8.3.3 *One side (to the right when facing the marked end).*

8.3.3.1 *Identification marking.* Identification marking (see 6.1) shall be stenciled or printed directly on the left, when facing the side, in the upper one-third of the side of the container. When permitted by the cognizant activity, metal tags may be used and shall be fastened securely to the container.

8.3.3.2 *Overseas address.* The overseas address (see 1.6 and 2.2.18.2) shall be stenciled or printed directly in the lower one-third of the side of the container.

8.3.4 *Other side (to the left when facing the marked end).*

8.3.4.1 *Contract data.* Contract data shall be stenciled or printed directly on the container, or, when applied to fiberboard containers may be shown on a printed reproduced, or type label securely affixed to the container as specified in 4.1.6. When permitted by the cognizant activity, a metal tag may be used which shall be fastened securely to the container. Marking shall be placed to the right when facing the side, in the upper one-third of the side of the container.

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8.3.4.2 *Domestic address.* The domestic address (see 1.5, and 2.2.18.1) shall be stenciled or printed directly, or a printed, reproduced or typed label securely affixed to the container, may be used. Labeling is the preferred method. The address shall be located in the middle one-third of the side of the container.

8.3.4.3 *Special markings.* Unless otherwise specified or required by statute or regulation (see 6.9), special markings (see Sec. 7) as required, shall be stenciled or printed directly and located on the side of the container, preferably in the upper two-thirds area.

8.3.5 *Service designation (overseas shipment)* (see 2.2.19). Service designation shall be applied as follows:

8.3.5.1 *Service colors.*

8.3.5.1.1 *Army, Air Force, Navy, and Marine Corps.* At two diagonally opposite corners of the top of the containers shall be painted, in the indicated service color, an equal size triangle on each adjacent face. The altitude of the triangle may vary from 3 to 8 inches and shall be proportionate to the size of the container. Service color for the Navy shall be applied only when specified. Service colors for Marine Corps are as specified in 2.2.19.1.4. Application of corner markings by container producers during production will be in accordance with industry standard.

8.3.5.2 *Service symbols.*

8.3.5.2.1 *Navy Department bureaus and Marine Corps.* Service symbols of the Navy Department bureaus (see 2.2.19.2.2) and Marine Corps (see 2.2.19.2.3) shall be stenciled in the lower right corner of the side of the container to the right of the marked end when facing the end.

8.3.5.2.2. *Medical Services of the Armed Forces.* When specified, service symbols of the Medical Services of the Armed Forces shall be stenciled adjacent to and directly beneath the color marking on both sides between the end of the package and the banding (See fig. 2.)

8.3.5.2.3 *Army.* The appropriate service symbol of the Chemical Corps and Signal Corps shall be stenciled on shipping containers marked with their respective service colors. All other appropriate service symbols for the Army will be applied only when specified by the cognizant activity. Location of service symbols on containers shall be as specified in 2.2.19.2.1.

8.4 **Barrels, drums, etc.** Markings shall be stenciled, printed, lithographed, roller coated, or stamped on filled barrels, kegs, drums, and reusable metal containers (see fig. 7A–7D). Empty barrels, kegs, and drums shall be marked as specified under 8.4.5. Embossing of product markings may be done only on nonreusable metal containers in either black, yellow, or green color, whichever gives the greatest degree of legibility. No markings shall be placed on the bilge of barrels to avoid rubbing off or blurring of the marks.

8.4.1 *One side (vertical one-quarter of outside cylindrical section).*

8.4.1.1 *Identification markings.* The identification marking (see 6.1) shall be shown on one side of the drum or barrel and shall occupy not more than the upper one-third of the side. On barrels and drums from which heads or ends are not removed in order to use the contents, the information shall be repeated on the head.

8.4.1.2 *Domestic address.* The domestic address (see 1.5, and 2.2.18.1), shall be placed

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in the middle one-third of the side of the container.

8.4.1.3 *Overseas address.* The overseas address (see 1.5, and 2.2.18.2), shall be placed in the lower one-third of the side of the container.

8.4.2 *Opposite side.* The contract data (see 6.2) shall be shown on the diametrically opposite side of the container from that containing the identification marking and shall be located in the upper one-third of the side.

8.4.3 *Special markings.* Unless otherwise specified or required by regulation (see 6.9) or statute, special markings (see Sec. 7) shall be located as required by the cognizant activity concerned.

8.4.4 *Service designation (overseas shipment).* (See 2.2.19).

8.4.4.1 *Army and Air Force.* In the lower one-third of the two sides of the barrel or drum containing the markings shall be painted an equilateral triangle not less than 1½ nor more than 3 inches in height.

8.4.4.2 *Navy Department bureaus, Marine Corps, and Medical Services of the Armed Forces.* Symbols for the Navy Department bureaus, Marine Corps, and Medical Services of the Armed Forces shall be stenciled in the location specified by the cognizant activity.

8.4.5 *Barrels, kegs, and drums (empty).* Empty barrels, kegs, and drums (new procurement, used empties, etc.), shall not be marked except where less than carload or truck load shipments are made, in which case, wood, fiber, etc., barrels, kegs, and drums shall be marked with tags or labels securely attached; metal barrels, kegs, or drums, etc., shall be tagged with the required markings.

8.5 **Bales, noncompressed bales, and cloth covered bundles.** Size of lettering shall be not less than 1 inch except that overseas address and precautionary marking shall be as specified in 4.1.8.1.2 and 8.5.3.3, respectively.

8.5.1 *Bales and noncompressed bales.* (See figs. 8A and 8B).

8.5.1.1 *End (wire tied ear).* End with wire tied ear shall be free of any marking except for attached shipping tags. When both ends of the bale have wire tied ears no marking shall appear on the ends except for attached shipping tag on one wire tied ear.

8.5.1.2 *End, presewn.* When bale has presewn end the identification marking (see 6.1) shall be stenciled on the upper two-thirds of that end.

8.5.1.3 *One side.*

8.5.1.3.1 *Identification marking.* The identification marking specified in 6.1 shall be stenciled on the upper two-thirds of the side of the bale. When bale has presewn end, the side to the right (when facing the presewn end) shall be marked.

8.5.1.3.2 *Contract data.* Contract data (see 6.2) shall be stenciled and placed to the right on the upper two-thirds of the side of the bale.

8.5.1.3.3 *Precautionary marking.* The legend "USE NO HOOKS" in letters not less than 1½ inches in height and symbol shall be stenciled on all bales and located in the center of the side containing the contract data marking and the opposite side. (See figs. 8A, 8B and 17).

8.5.1.4 *Special marking.* Locations of special markings not established by statute or regulation, shall be as specified by the cognizant activity.

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8.5.1.5 *Special marking for overseas shipment.* In addition, for overseas shipment, the stock number, nomenclature, and size, when applicable, of the item packed shall be stenciled on the waterproof barrier material in the same size letters as the exterior marking. When the waterproof barrier material or the makeup of the bale prohibits legible stenciling, then the stock number, nomenclature, and size when applicable, shall be marked on a water-proofed shipping tag which shall be securely fastened under one of the straps.

8.5.1.6 *Domestic address.* The domestic address (see 1.5 and 2.2.18.1) shall be marked on a shipping tag securely affixed to wire tied ear of the bale.

8.5.1.7 *Overseas address.* The overseas address (see 1.6 and 2.2.18.2) shall be stenciled on the lower one-third of the side of the bale on which the contract data appears.

8.5.1.8 *Service designation.* (See 2.2.19.)

8.5.1.8.1 *Army and Air Force.* On two diagonally opposite corners on the top of the bale as shown in figure 8B, a mark shall be painted in the indicated service color, approximating an equal size triangle on each adjacent face. The triangle shall be approximately equal on each face; shall measure not less than 3 inches nor more than 8 inches in altitude and shall be proportionate to the size of the bale. Caution should be exercised in the application of the paint so as not to affect the barrier-material.

8.5.2 *Cloth covered bundle (see figs. 8C and 8D).* Size of lettering, other than overseas address and precautionary marking shall be one inch in height.

8.5.2.1 *End (Wire Tied Ears, Sewn Ears, or Presewn Ends).* No marking shall appear on the ends, except for attached shipping tag on one wire tied or sewn ear.

8.5.2.2 *Panel for marking.* A rectangular panel of sand colored lacquer, enamel or paint, as specified in 3.6 shall be applied to the top surface panel of each bundle (and may extend down on the front side panel if necessary) with placement being as close to the left edge as possible. The colored panel may be made as large as necessary to provide background for prescribed markings, but minimum dimensions shall be two square feet in area. (See figs. 8C and 8D).

8.5.2.3 *Identification Marking.* The identification marking specified in 6.1 shall be stenciled on the upper two-thirds of the colored panel with black waterproof ink specified in 3.5.1. The lower one-third of the panel must be clear of all marking.

8.5.2.4 *Contract data (see 6.2).* Shall be stenciled in upper two-thirds of remaining uncolored area of top panel.

8.5.2.5 *Precautionary marking.* The legend "Use No Hooks" in letters not less than 1½ inches in height and symbol shall be stenciled on all bundles and located directly under the contract data marking in the uncolored area. (See figs. 8C, 8D and fig. 17).

8.5.2.6 *Special marking.* Special markings shall be same as specified for bales in 8.5.1.4.

8.5.2.6.1 *Special marking for overseas shipment.* In addition, for overseas shipment, the stock number, nomenclature, and size, when applicable, of the item packed shall be stenciled on the waterproof barrier material (liner or wrap) in the same size lettering as the exterior marking. When the makeup of the bundle prohibits interior stenciling, then the stock number, nomenclature and size when applicable shall be marked on a water-proofed shipping tag which shall be securely fastened to the item.

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8.5.2.7 *Domestic address.* The domestic address (see 1.5 and 2.2.18.1) shall be marked on a shipping tag and securely attached to wire-tied or sewn ear of the bundle.

8.5.2.8 *Overseas address.* The overseas address (see 1.6 and 2.2.18.2) shall be stenciled on the lower one-third of the uncolored area of top panel directly under the contract data and precautionary marking. The contract data, precautionary, and overseas address markings may extend down or be placed on the front side panel if uncolored space on top panel is not adequate.

8.5.2.9 *Service designation for overseas shipment.* (See 2.2.19).

8.5.2.9.1 *Army and Air Force.* Corner service designation markings shall be same as specified for bales in 8.5.1.8.1 (see fig. 8D).

8.6 Loose or unpacked items and small containers. When loose or unpacked items and containers too small to permit compliance with the usual marking requirements are shipped, they shall be marked by stenciling the required markings on the area most suitable for the purpose. When the area does not permit stenciling, two or more shipping tags or labels securely attached to the article or container shall be used.

8.6.1 *Service designation for overseas shipment.*

8.6.1.1 *Army and Air Force.* Small containers shall be marked as specified for larger containers except that triangles or stripes as applicable shall be proportionate to the size of the container. Containers with each dimension less than 12 inches shall have a tag or label with a ½-inch border in the service color in lieu of corner service color markings. Unpacked items shall have a ½-inch border in the service color placed on the tag bearing the overseas address and a conspicuous daub of this color shall be placed on the item in proximity of the overseas address. Unpacked items shipped in bulk shall have a simple paint mark of the requisitioning service placed on each item. At the discretion of the cognizant activity, tags in solid color matching the indicated service color required may be used in lieu of the tags specified.

8.6.1.2 *Navy Department bureaus and Marine Corps.* In lieu of the Navy Department bureaus and Marine Corps symbols, the service code (see abbr. 1.4(d)) shall be shown on the container, shipping tag or label, placed in the location and in the size required by the cognizant activity.

8.7 Rods, shafting, bars, etc. Fabricated rods, shafting, bars, etc. (does not include unfabricated ferrous (steel mill) and nonferrous metal products) which are shipped without packing shall be marked with two tags securely attached to the article, one of which shall be concealed by being bound to the article with burlap or other substantial covering and each end of the covering securely fastened. Location of the markings on tags and service designations for overseas shipments shall be as specified for unpacked items (see 8.6 and 8.6.1).

8.8 Reels or spools of cable and wire (except barbed wire). Reels or spools of cable and wire (fabricated) shall be stenciled as specified for the sides of boxes (see 8.3) or tagged as specified in 8.7, whether or not such reels are enclosed within a shipping container in a manner designated to preclude the possibility of the marking becoming illegible during the use of the reel or spool.

8.8.1 *Service designation for overseas shipment.* (See 2.2.19).

8.8.1.1 *Army and Air Force.* Reels of cable and wire shall be marked with a 2-inch wide stripe in the indicated color applied in a

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straight line across the outside of each reel head, close to the center of the reel head.

8.8.1.2 *Navy Department bureaus and Marine Corps.* Service symbols shall be applied as specified for boxes. (See 8.3).

8.9 **Coils of wire.** Coils of wire shall be marked and service designations shown as specified for unpacked items. (See 8.6).

8.10 **Palletized unit load.** Palletized unit loads shall be shipped intact. In event it becomes necessary to break down a palletized unit load, each individual container shall be appropriately marked as specified in 8.3.

8.10.1 *Marking on individual containers comprising unit palletized load.* Individual containers comprising the palletized unit load shall be marked only with the identification markings required by 6.1.1, less items i, j, and k.

8.10.2 *Outside marking on palletized unit load or box type pallets.* The outside markings on palletized unit loads or box type pallets shall appear on two adjacent sides and top of unit as shown on figures 9A, 9B, 9C and 9D. The markings shall consist of identification marking (see 6.1), contract data marking (see 6.2) and destination marking. (See 1.5, 1.6 and 2.2.18.) For overseas shipments, service designations shall be applied as specified in 8.3.

8.11 **Paper shipping sacks.** Paper shipping sacks shall have the following information printed in capital letters on that side of the sack which does not bear the sack manufacturer's certification of compliance marking, in the location and size specified (see figs. 10A and 10B).

Beginning 7 inches from the top of the sack, and in separate lines spaced 1 inch apart, the following information shall appear in the order listed:

		Height of letters (inches)
FOR OCEAN SHIPMENT / NOT FOR OCEAN SHIPMENT	are as applicable	1
NET WT ____ CUBE ____		1
STOCK NUMBER		1
NAME OF PRODUCT		3

Beginning 12 inches from the bottom of the sack, and in separate lines spaced ½ inch apart, the following data shall appear in the order listed:

	Height of letters (inches)
MONTH AND YEAR PACKED	1
CONTRACT OR ORDER NUMBER	1
CONTRACTOR'S NAME	¾
CONTRACTOR'S ADDRESS	¾

When the printing area is too small to permit compliance with specified requirements, the spacing of the printing may be altered proportionately.

8.11.1 *Domestic address.* When specified by the cognizant activity concerned, the domestic address shall be stenciled, printed or labeled, and located and securely fastened on the top of the paper shipping sack.

8.11.2 *Overseas address.* When specified by the cognizant activity concerned, paper shipping sacks shall have the overseas address stenciled or printed in the space between the markings specified in 8.11.

8.11.3 *Service designation (overseas shipment) (see 2.2.19).* In the lower one-third of the sack and to the right of the marking on a line even with the last line of the marking, service color markings shall be painted as an equilateral triangle not less than 1½ inches nor more than 3 inches in height except that sacks packed with subsistence items shall be marked as specified in 10.5.

8.12 **Shipping bags, textile and laminated textile.** Shipping bags, textile and laminated

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textile shall be stenciled, printed, or tagged with the information listed under 8.11.

8.12.1 *Stenciling.* Stenciling shall be in accordance with 4.1.2 and the size of letters and location of information shall be as specified in 8.11. (See fig. 10C).

8.12.2 *Tagging.* If the bag material is such that the information is not legible when stenciled, the information shall be printed on a tag. Tags shall be as specified in 3.8 and 4.1.5 and the lettering in accordance with 4.1.8.3.

8.12.2.1 *Bags with ears.* If the top of the bag has ears, the tag shall be securely affixed to one of the ears. (See fig. 10C).

8.12.2.2 *Top of bag stitched.* If the top of the bag is closed by stitching, the tag may be attached in the same manner as for bag with ears or the tag may be fastened to the bag by stitching at the same time the closure is made. (See fig. 10C.)

8.13 **WRAPPED ROLLS**

8.13.1 *Paper wrapped rolls.* Rolls wrapped with paper shall be marked on one side (approximately ¼ of circumference) by stenciling or printing or by a typed label which shall contain the identification and contract data. This combined marking shall occupy not more than the upper one-third of the side of the roll. One end shall be marked with a typed label which shall be applied to the end of the roll in accordance with 4.1.6. This label shall contain only the stock number, the nomenclature, specification number, quantity, unit, and date marking.

8.13.2 *Cloth wrapped rolls.* Rolls wrapped with cloth shall be marked in the same manner as specified for bales (see 8.5) except that end marking need not be applied.

8.14 **Boxed carboys.** Boxed carboys shall be marked in accordance with 8.3. In addition, a non-corrodible metal or plastic disc or strip stamped with the contract number shall be permanently attached to one side of the carboy box. The marked disc or strip shall not interfere with other markings on the container; and shall be permanently-secured to the container in such a manner that the disc or strip will not catch in any way on other containers.

8.15 **Marking unpacked vehicles.** Unless otherwise specified, marking unpacked vehicles shall be as follows:

8.15.1 Address markings shall not be stenciled or placed directly on the painted surfaces of unpacked items such as tractors, trucks, passenger cars and buses. Two tags, bearing complete addresss markings shall be placed in each vehicle, one of which will be tied to the steering post or lever, and the other in the glove compartment or similar accessible space. Address markings shall be stenciled or painted on a smooth board or boards, not less than ¾ inch by 12 inch by 24 inch, firmly attached in the vicinity of the front license tag brackets and/or side of vehicle. Letters and numerals shall be not less than 1 inch in height.

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9. "ELECTRONIC" (NAVY) EQUIPMENT MARKING

9.1 General. The Required markings for radar, electronic communication, shipboard underwater sound, harbor detection, radiological (radiac) equipment shall be as herein specified and in accordance with sections 1, 2, 3, 4, 5, 6, 7, and 8 as shown in figure 12.

9.3 Special symbols. Special symbols identifying "electronic' equipment shall be stenciled with green paint color number 14187 of Federal Standard 595 on all sides of the container having identification markings in the design and dimensions for the particular type of equipment as shown on figure 12.

9.4 Instructions for opening. Containers packed with major electronic assemblies, components, and test equipment for use in connection therewith shall be marked with the words FRONT or OPEN SIDE, as appropriate, in order to permit unpacking without waste of time. When more than one container is necessary to pack the complete item, the box numbers applying to the set should represent the sequence in which the boxes should be opened to permit orderly assembly of the item.

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10. MARKING OF SHIPPING, CONTAINER FOR SUBSISTENCE ITEMS

10.1 General. The marking of shipping containers for subsistence items shall be as herein specified and in accordance with sections 1, 2, 3, 4 and 7.

10.2 Shipping containers other than shipping sacks. The following basic information marking for subsistence items shall appear in the order listed on all shipping containers. other than shipping sacks except that items purchased for resale and items shipped direct to consuming stations, but not to depots when purchased in commercially printed containers, the order may be changed.

10.2.1 *Nonperishable subsistence.*

10.2.1.1 *For issue.*

10.2.1.1.1 *For issue.*

(a) Nomenclature.
(b) Stock number.
(c) Quantity, size, unit and total net weight (see 10.2.3.1).
(d) Name of contractor.
(e) Contact or order number.
(f) Date packed (mo. and yr.).
(g) Gross weight and cube*.

* Gross weight and cube shall be omitted on direct shipments to domestic consuming installations and not to depot.

10.2.1.2 *For resale.*

(a) Name of commodity and brand.
(b) Quantity, size, and unit.
(c) Name of contractor.
(d) Contract of order number.
(e) Date packed (mo. and yr.).
(f) Gross weight and cube.

For brand name (resale) items shipped direct to CONUS using installations, items (e) and (f) will not be required.

10.2.2 *Perishable subsistence.*

10.2.2.1 *For issue.*

(a) Nomenclature.
(b) Quantity, size, unit and total net weight (see 10.2.3.1).
(c) Name of contractor.
(d) Contract or order number.
(e) Date packed (mo. and yr.).
(f) Gross weight and cube*.

* Gross weight and cube shall be omitted on direct shipments to domestic consuming installations and not to depots.

10.2.2.2 *For resale.*

(a) Name of commodity and brand.
(b) Quantity, size, and unit.
(c) Name of contractor.
(d) Contract or order number.
(e) Date packed (mo. and yr.).
(f) Gross weight and cube.

For brand name (resale items shipped direct to CONUS using installations item (f) will not be required.

10.2.3 *Marking terms.* The markings terms specified in 10.2.1 and 10.2.2 shall be as described in 2.2 and as follows:

10.2.3.1 *Total net weight.* The total net weight shall be based on the contained net weight of the contents and not the combined weight of the contents and containers. When required by statute, total net weight shall be the drained weight.

10.3 SHIPPING SACKS AND BAGS

10.3.1 *Paper shipping sacks.* (See figure 10B.) Paper shipping sacks shall be marked with the information in the size letters and location as specified in 8.11, except that contractor's address will not be required.

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10.3.2 *Shipping bags, textile and laminated textile.* Shipping bags, textile and laminated textile shall be stenciled, printed, or tagged as specified in 8.12, except that contractor's address will not be required. (See fig. 10C.)

10.4 Destination marking. The domestic address and overseas address shall be as specified in 1.5, 1.6, and 2.2.18 for all shipping containers.

10.5 Armed forces symbol for subsistence. All shipping containers packed with non perishable subsistence and all shipping containers packed with perishable subsistence for overseas shipment shall bear only a solid black cresent symbol conforming to the design and dimensions shown on figure 13. Cresent symbol shall not be used on containers packed with fresh fruit or fresh vegetables.

10.6 Fragile marking. Containers packed with fragile items shall be marked with a label as specified in 7.3.1.

10.7 Precautionary, regulation, and statute marking. For items required to be refrigerated or frozen the marking PERISHABLE—KEEP REFRIGERATED AND KEEP FROZEN, respectively, shall be stenciled on the top of the container. When the container is required to be shipped with the topside up, the marking THIS SIDE UP shall be stenciled on the top of the container. Other precautionary markings required and special handling instructions specified in 7.3, and regulation and statute markings specified in 6.9 shall appear on shipping containers as applicable.

10.8 Size of lettering. Size of lettering for all shipping containers, other than shipping sacks, shall be equal height, $\frac{7}{16}$ inch to 1 inch.

10.9 Location of marking. Location of markings on shipping containers shall be as follows:

10.9.1 *Rectangular shipping containers.* (See figs. 14A–14D.) Rectangular shipping containers shall be marked by stenciling or printing the information marking specified in 10.2.1 and 10.2.2, respectively, on the upper two-thirds of one end panel. When space available does not permit the marking as specified, the name of the contractor and date packed, shall be omitted from the end panel and stenciled, printed, or labeled (see 4.1.6) on the upper right hand corner of the side of the box, to the right of the person viewing the marked end. Precautionary markings shall be placed on the top of the container or as required by regulation or statute. (See 6.9.)

10.9.1.1 In instances where the dimensions of the shipping container will not permit all specified markings to be placed on the end panel and the right side panel, the remaining required markings may then be placed on the upper left corner of the left panel.

10.9.2 *Cylindrical containers (plywood, fiber, and metal drums, barrels, and pails).* Information marking for issue and resale specified in 10.2.1 and 10.2.2, respectively,

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shall be stenciled or printed on the upper two-thirds of the body only.

10.9.3 *Destination marking.* (See 10.4).

10.9.3.1 *Domestic address.* The domestic address when required shall be stenciled, printed or labeled and located on the top of all shipping containers other than shipping sacks which shall have the address appear as follows:

(a) The domestic address shall be stenciled, printed, or labeled and located on the top of all paper shipping sacks. (see fig. 10B).

(b) The domestic address shall appear on a shipping tag securely affixed to the top of shipping bags. (See fig. 10C).

10.9.3.2 *Overseas address.* The overseas address when required shall be stenciled or printed in the lower one-third of the end panel of rectangular containers when the space permits; otherwise, on the lower one-third of the side to the right of the marked end. Cylindrical containers shall be stenciled or printed on the lower one-third under the information marking. Paper shipping sacks shall have the address stenciled or printed in the space between the information marking. Textile and laminated textile bags shall be marked with tags securely attached to the top.

10.9.4 *Armed Forces symbol for subsistence (see 2.19.3).* The crescent symbol shall be located to the right of the information marking on all shipping containers as shown on figures 10B, 10C, 14A, 14B, 14C, and 14D.

10.9.5 *Nonperishable subsistence purchased by brand name for resale.* When it is practicable, a label the same as on the unit containers shall be glued to the shipping case in the space between the crescent symbol and the inspection stamp. (See fig. 14B.) The label can be trimmed, but enough of the label shall be left to permit identification of the brand, item, and size or weight of individual unit within the shipping case.

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11. CONTAINER MARKING FOR PETROLEUM AND STEEL PRODUCTS

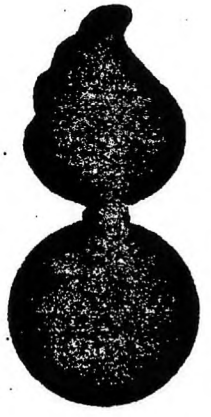
11.1 Marking of containers for petroleum products. Shall be as specified in Military Standard MIL-STD-290, Packaging, Packing and Marking of Petroleum Products, and the applicable sections of this Standard including paragraph 6.10 when required.

11.2 Marking of containers for unfabricated steel products. Shall be as specified in Military Standard MIL-STD-163, Preparation of Steel Products for Domestic Shipment (Storage) and Overseas Shipment, and applicable sections of this Standard.

Custodians:
Army—Quartermaster Corps
Navy—Bureau of Supplies and Accounts
Air Force

Other interest:
Army—CEMOSigT
Navy—AMCMdYOrShCG.

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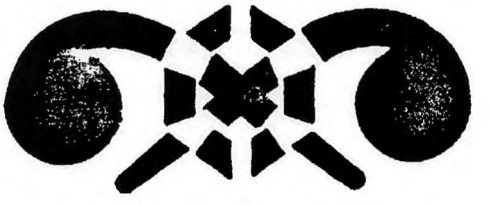
ORDNANCE CORPS



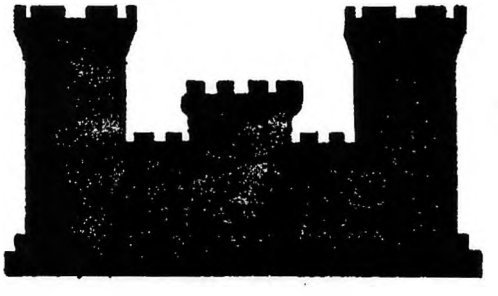
SIGNAL CORPS



QUARTERMASTER CORPS



CHEMICAL CORPS



CORPS OF ENGINEERS

FIGURE 1A. *Army Service symbols.*

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BUREAU OF AERONAUTICS



BUREAU OF ORDNANCE



BUREAU OF YARDS AND DOCKS



BUREAU OF SHIPS



BUREAU OF SUPPLIES AND ACCOUNTS



COAST GUARD



MARINE CORPS

FIGURE 1B. *Bureau and Corps symbols.*

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FOR MARKING AND STENCILING

FIGURE 2. *Symbol for medical services of the Armed Forces.*

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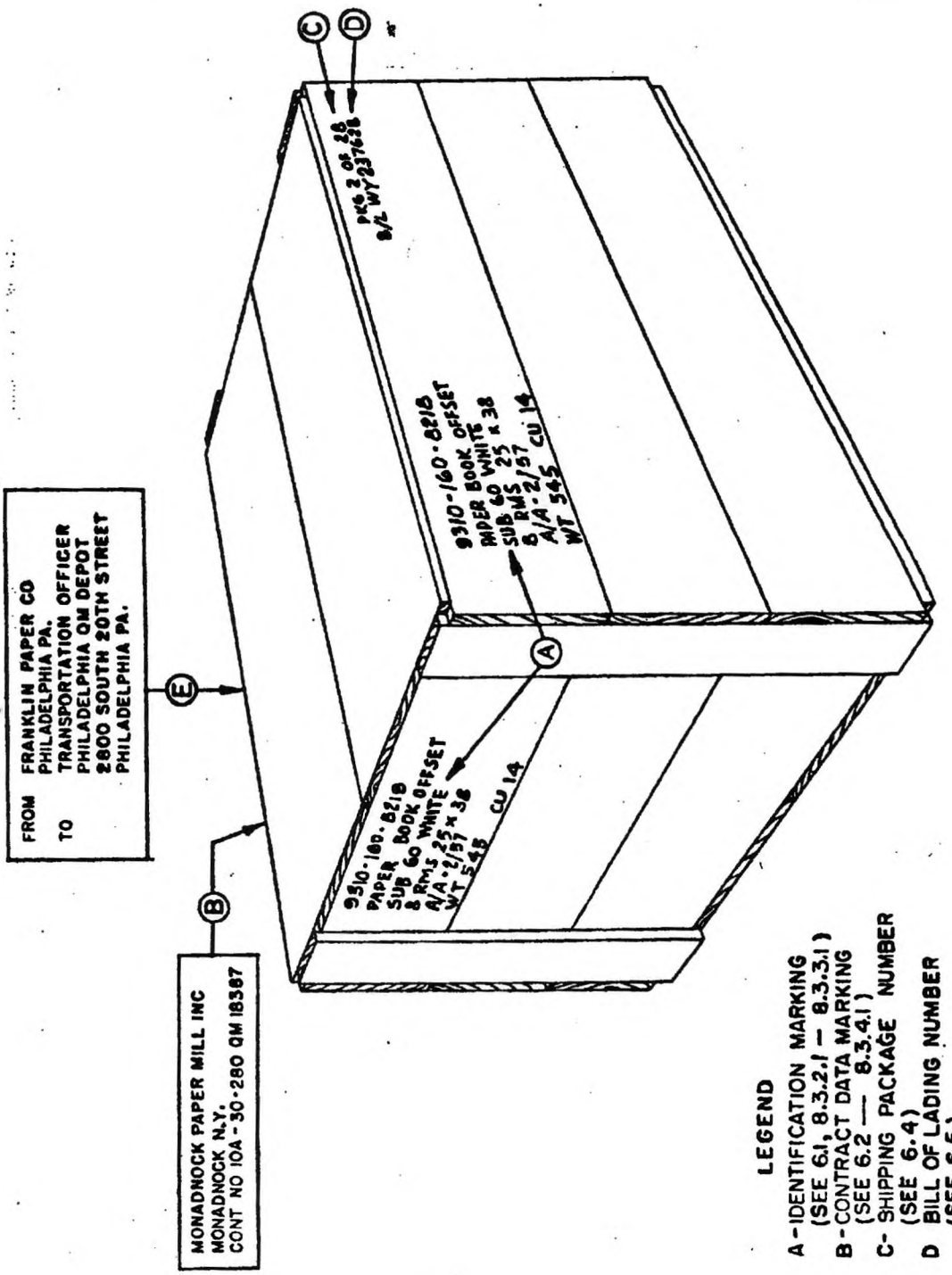


FIGURE 8. *Fragile Label*

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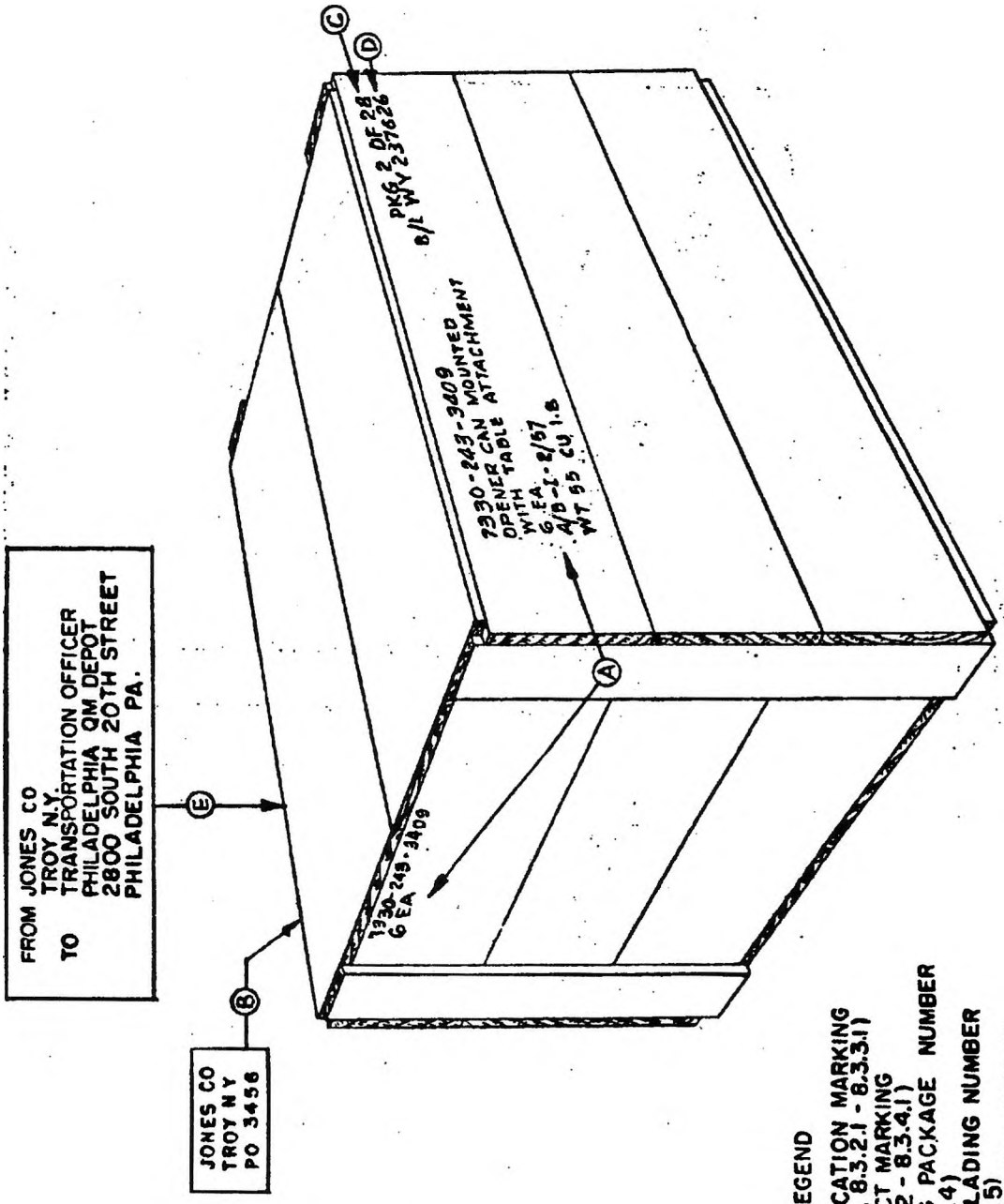


LEGEND

A - IDENTIFICATION MARKING (SEE 6.1, 8.3.2.1 — 8.3.3.1)
B - CONTRACT DATA MARKING (SEE 6.2 — 8.3.4.1)
C - SHIPPING PACKAGE NUMBER (SEE 6.4)
D BILL OF LADING NUMBER (SEE 6.5)
E DESTINATION MARKING (SEE 6.6, 8.3.4.2

FIGURE 4A. *Basic marking for box (over 10 cu. ft.) domestic shipment and storage.*

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LEGEND

A - IDENTIFICATION MARKING (SEE 6.1, 8.3.2.1 - 8.3.3.1)
B - CONTRACT MARKING (SEE 6.2 - 8.3.4.1)
C - SHIPPING PACKAGE NUMBER (SEE 6.4)
D - BILL OF LADING NUMBER (SEE 6.5)
E - DESTINATION MARKING (SEE 6.6, 8.3.4.2)

FIGURE 4B. *Basic marking for box (under 10 cu. ft.), domestic shipment and storage.*

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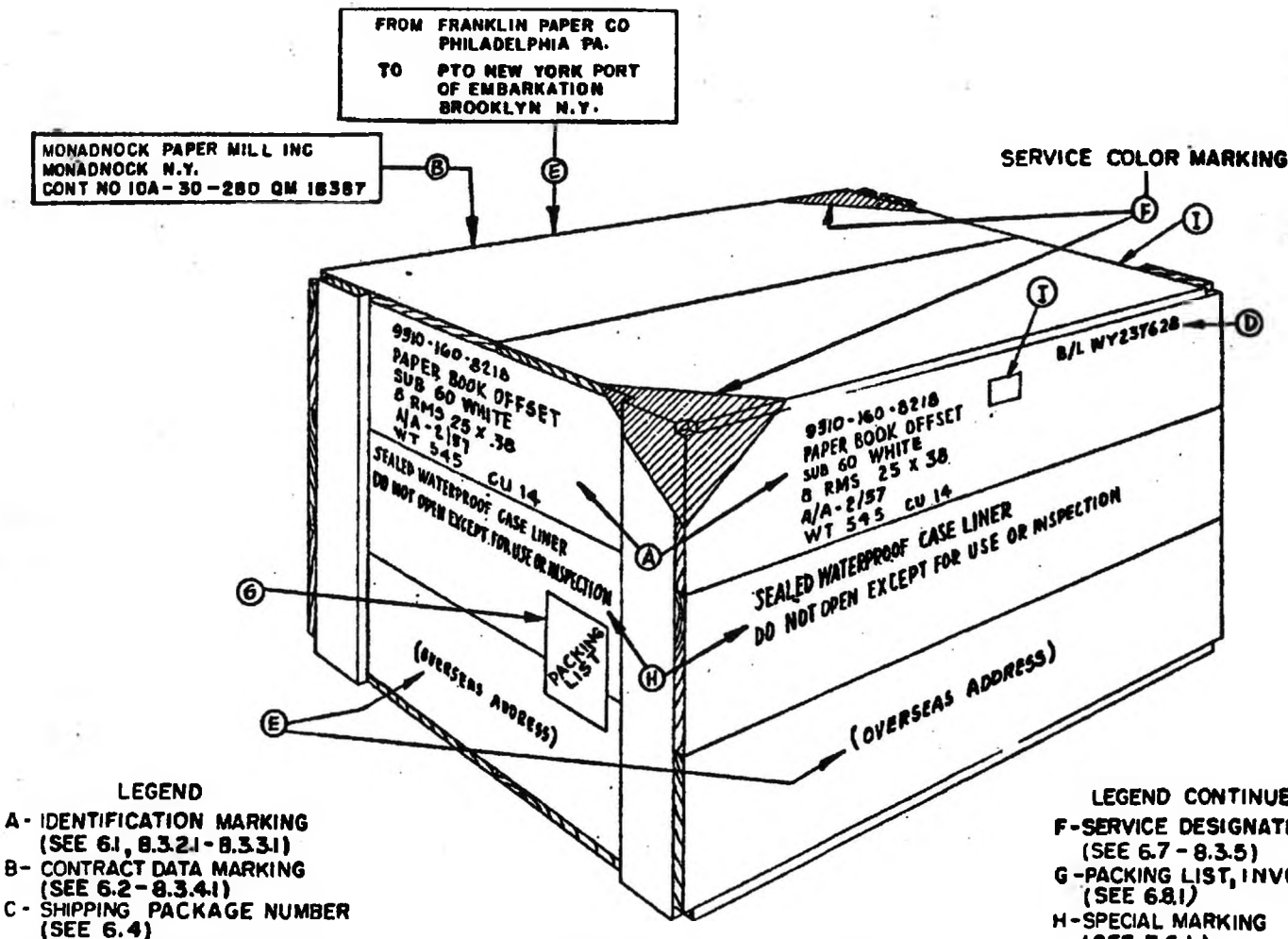


FIGURE 4C. *Basic marking for box (over 10 cu. ft.), overseas shipment.*

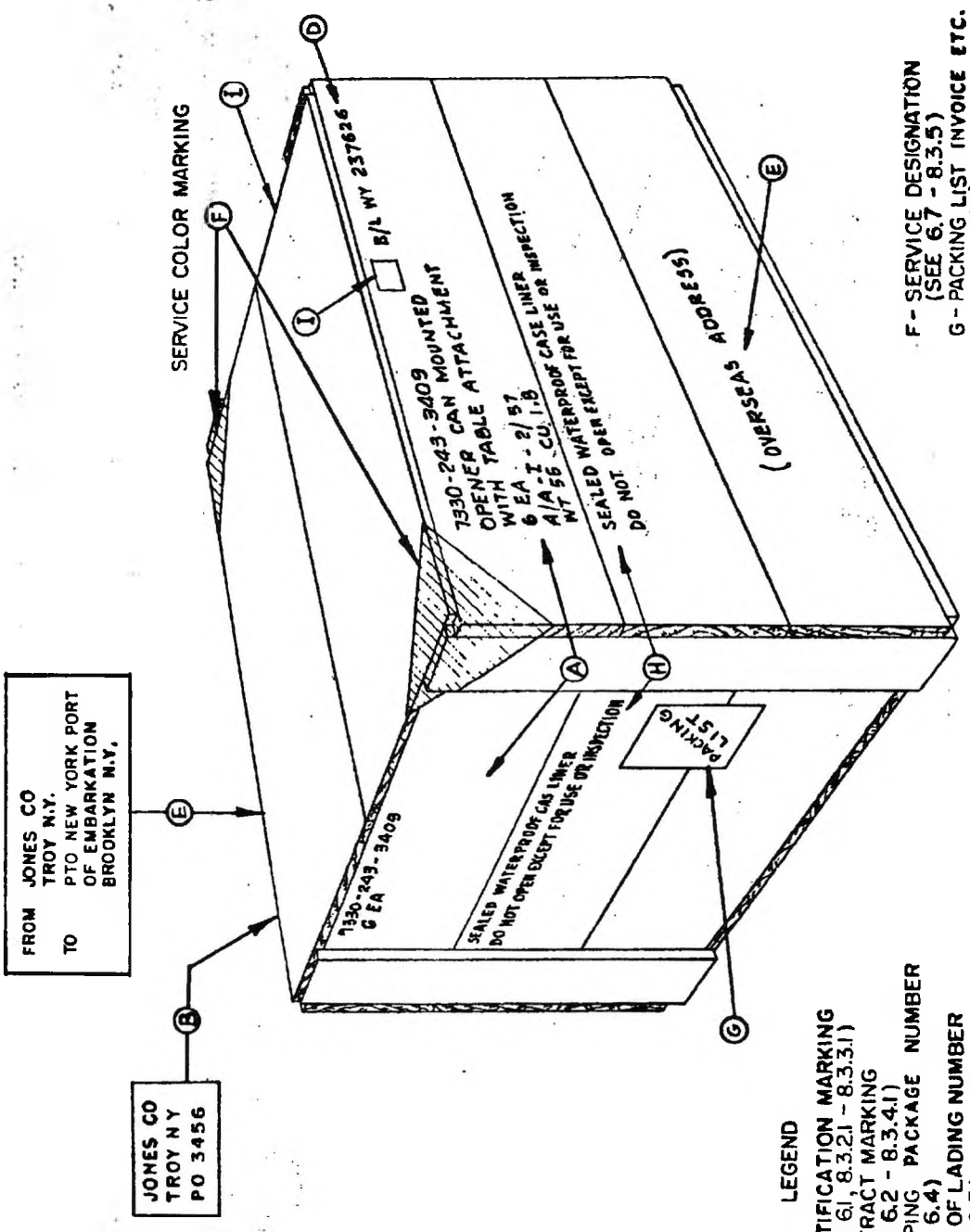
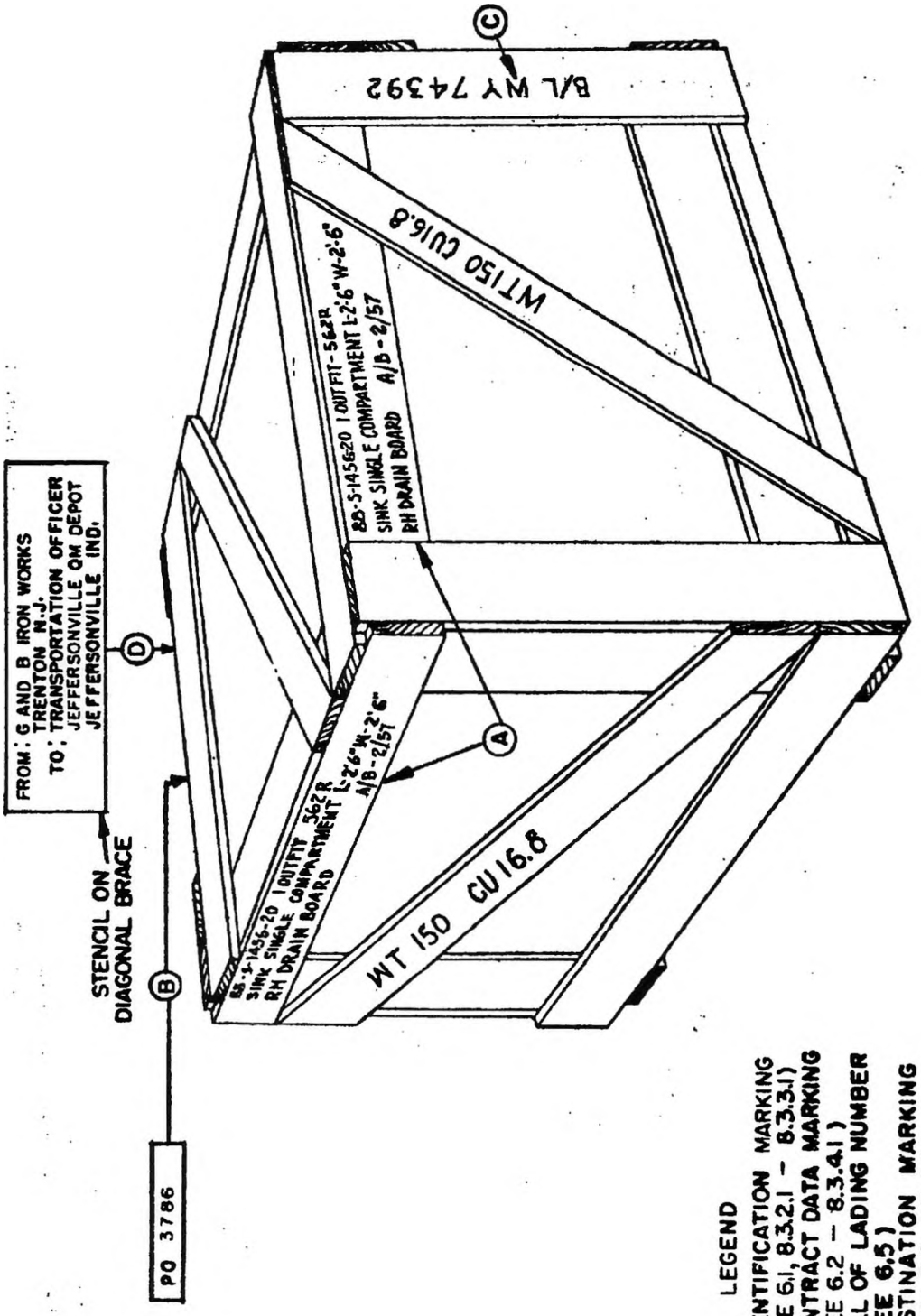


FIGURE 4D. *Basic marking for box (under 10 cu. ft.), overseas shipment.*

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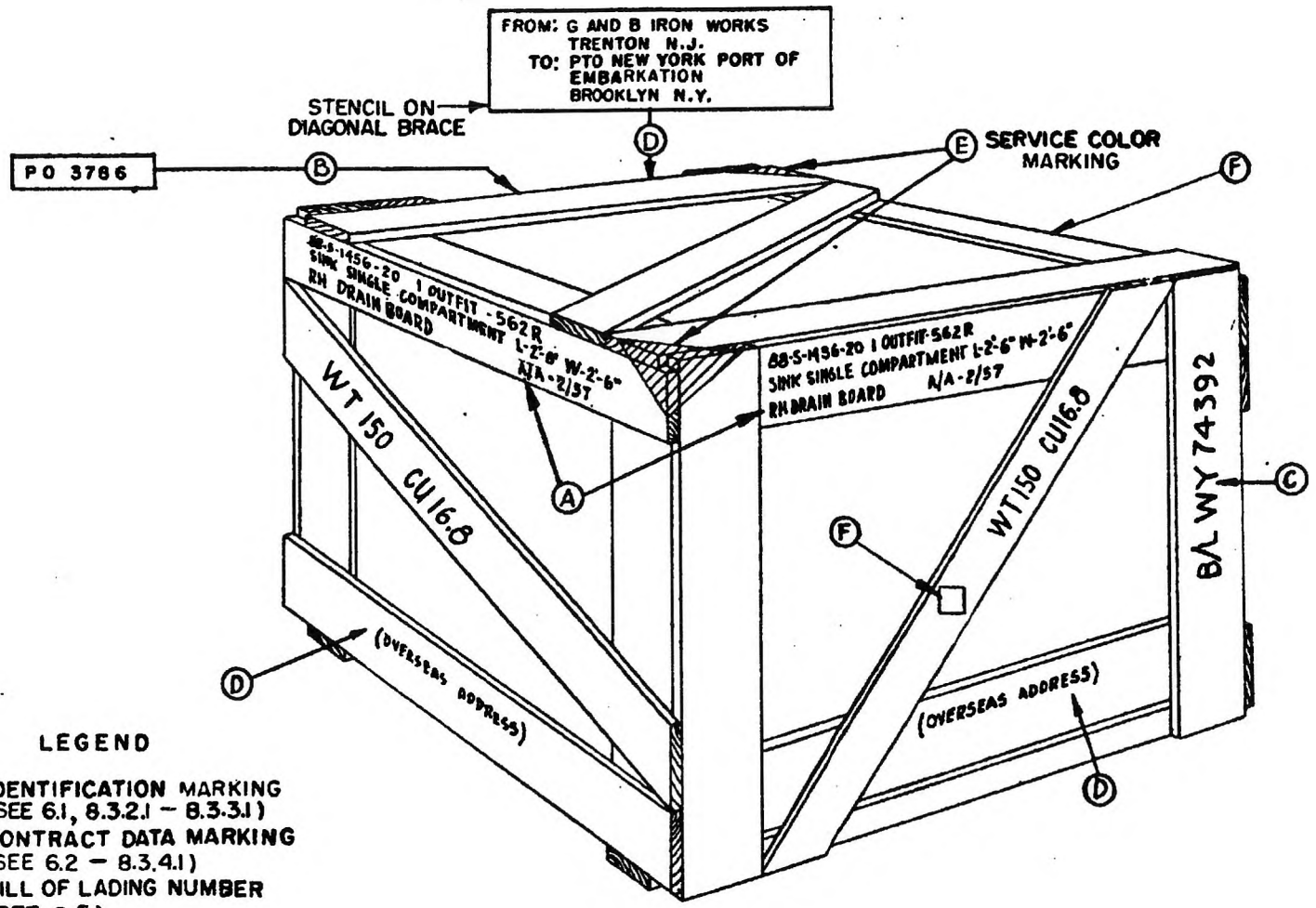
9999911 0437027 702



LEGEND
A-IDENTIFICATION MARKING (SEE 6.1, 8.3.2.1 - 8.3.3.1)
B-CONTRACT DATA MARKING (SEE 6.2 - 8.3.4.1)
C-BILL OF LADING NUMBER (SEE 6.5)
D-DESTINATION MARKING (SEE 6.6, 8.3.4.2.)

FIGURE 5A. *Basic marking for unsheathed crate, domestic shipment and storage.*

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LEGEND

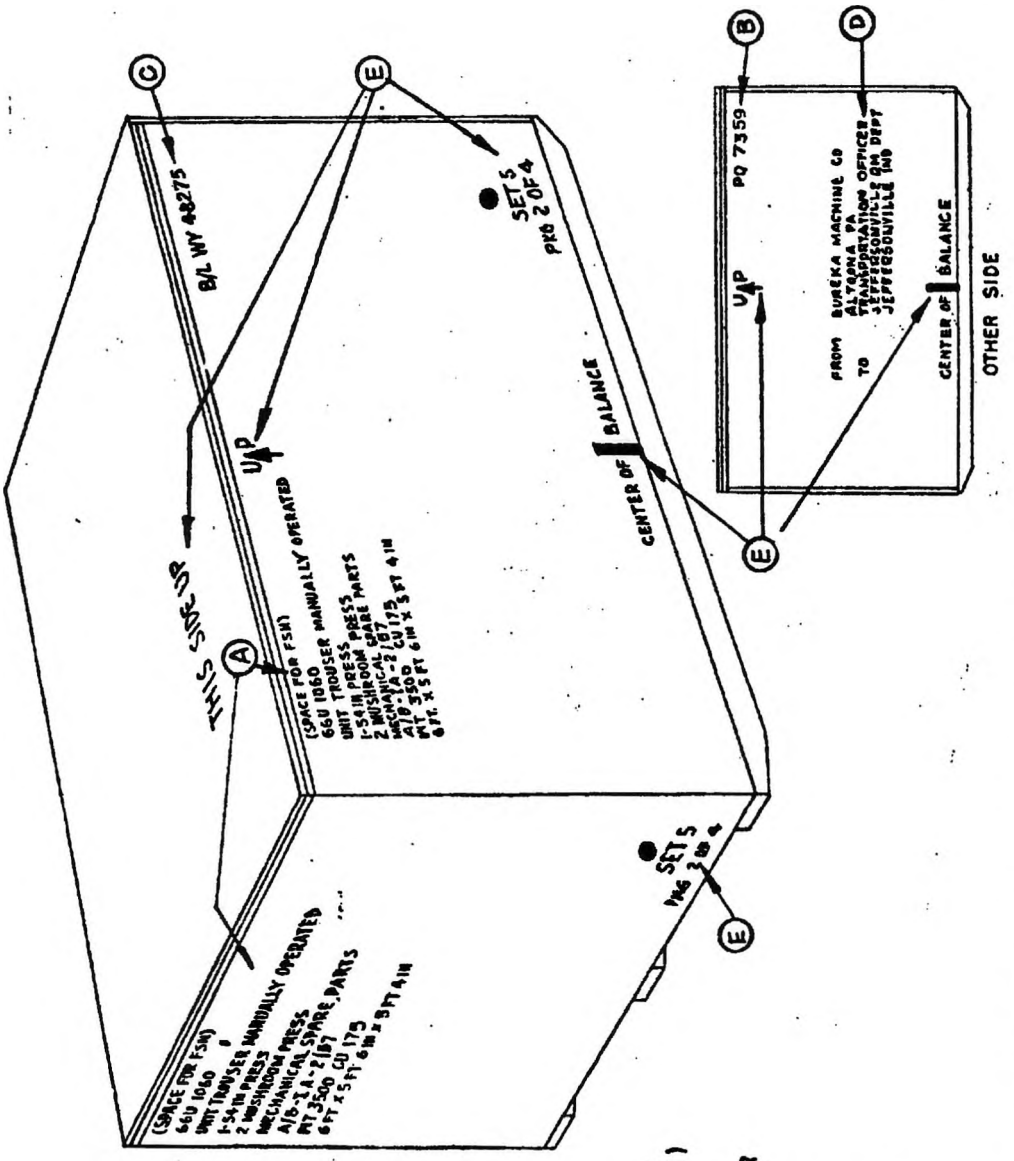
A - IDENTIFICATION MARKING
(SEE 6.1, 8.3.2.1 – 8.3.3.1)
B - CONTRACT DATA MARKING
(SEE 6.2 – 8.3.4.1)
C - BILL OF LADING NUMBER
(SEE 6.5)
D - DESTINATION MARKING
(SEE 6.6, 8.3.2.2, 8.3.3.2 – 8.3.4.2)
E - SERVICE DESIGNATION
(SEE 6.7 – 8.3.5)
F FOREIGN AID LABEL (SEE 6.10)

FIGURE 5B. *Basic marking for unsheathed crate, overseas shipment.*

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9999911 0437029 585



LEGEND

A - IDENTIFICATION MARKING (SEE 6.1, 8.3.2.1 – 8.3.3.1)
B - CONTRACT DATA MARKING (SEE 6.2 – 8.3.4.1)
C - BILL OF LADING NUMBER (SEE 6.5)
D - DESTINATION MARKING (SEE 6.6, 8.3.4.2)
E - SPECIAL MARKING (SEE 7.2.1, 7.3.2, 7.3.6.)

FIGURE 6A. *Markings for sheathed crate, domestic shipment and storage.*

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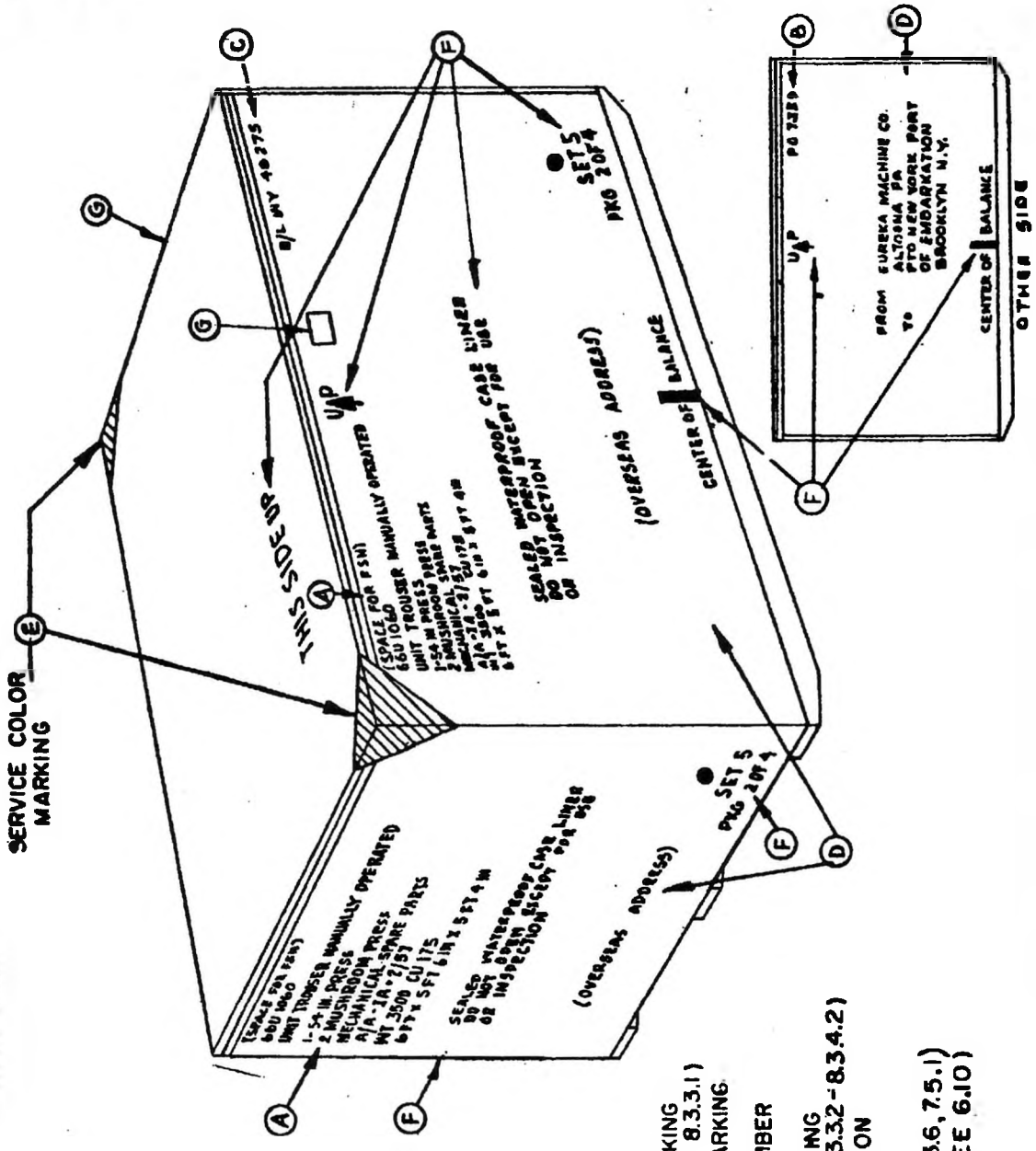


FIGURE 6B. *Markings for sheathed crate; overseas shipment.*

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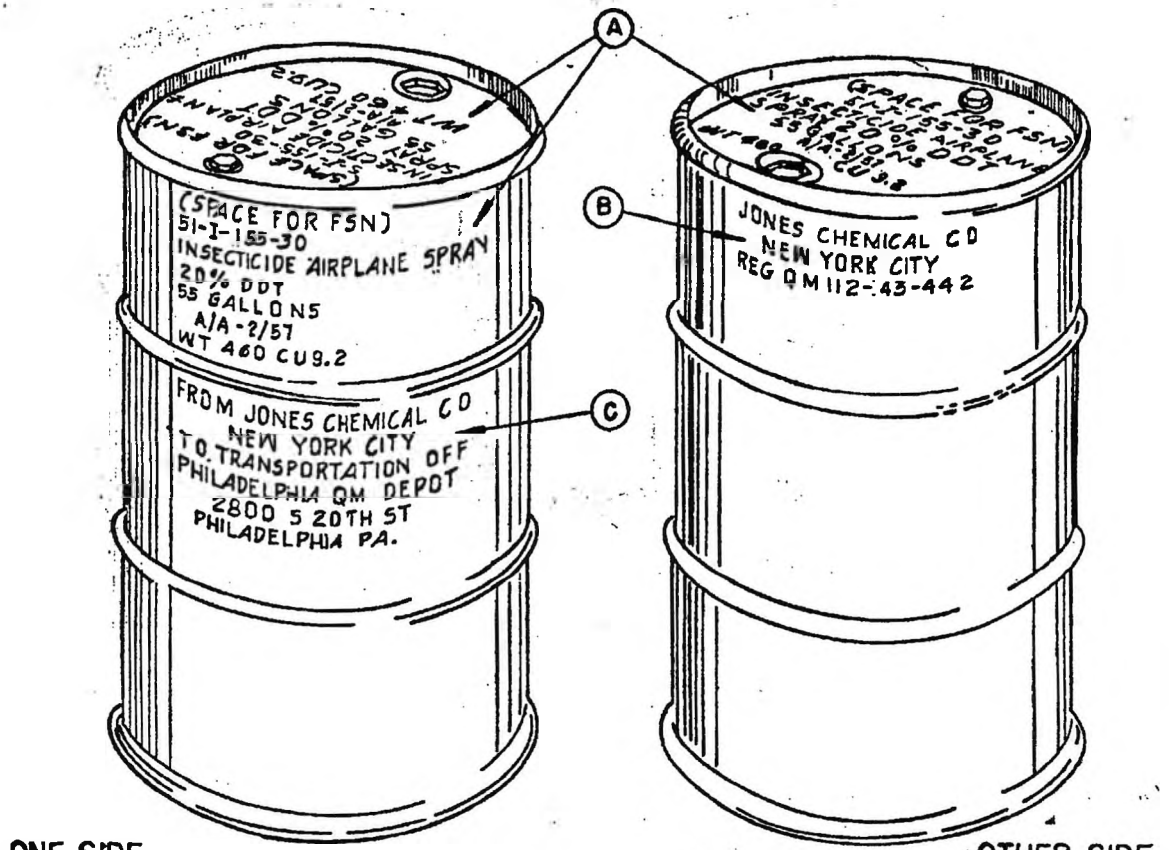
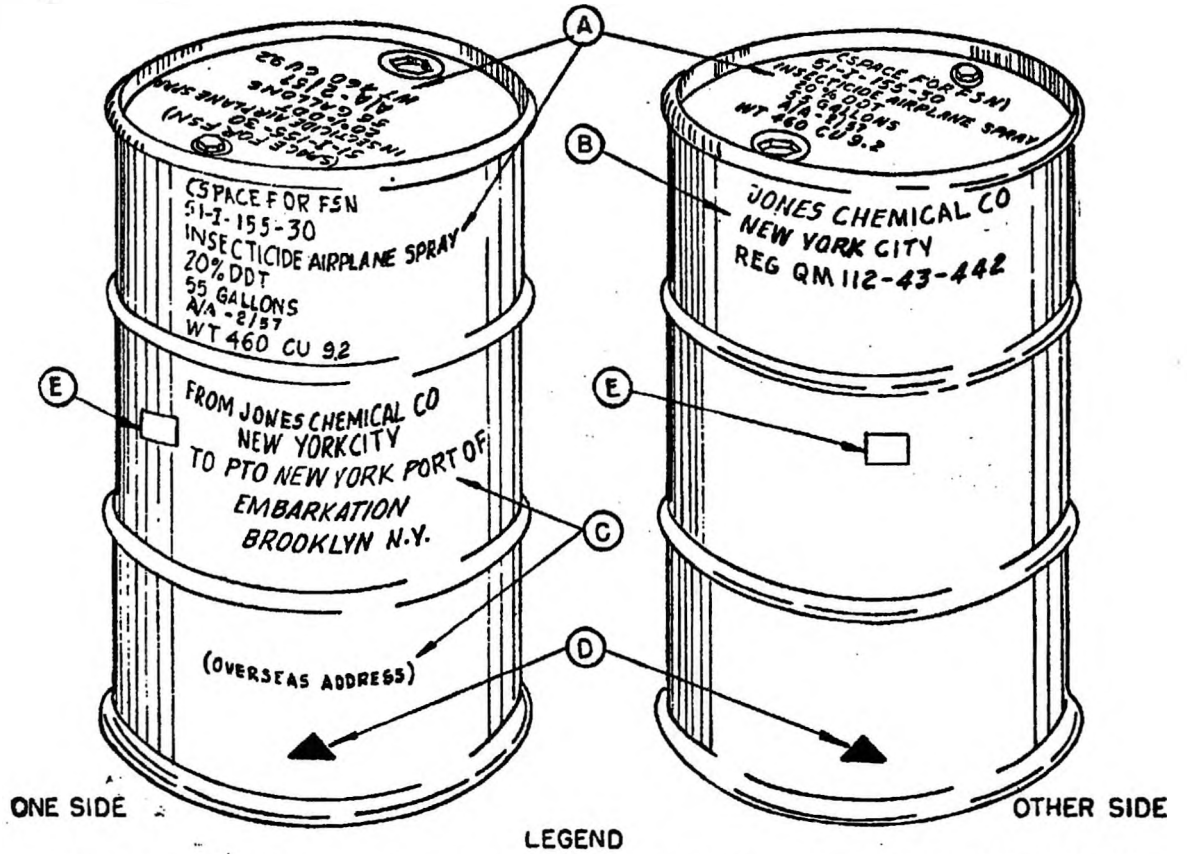


FIGURE 7A. *Basic marking for steel drum, domestic shipment and storage.*

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LEGEND

A-IDENTIFICATION MARKING (SEE 61-8.4.1.1)

B-CONTRACT DATA MARKING (SEE 6.2-8.4.2

C-DESTINATION MARKING (SEE 6.6, 8.4.1.2-8.4.1.3)

D-SERVICE DESIGNATION (SEE 6.7-8.4.4)

E FOREIGN AID LABEL (SEE 6.10)

FIGURE 7B. *Basic marking for steel drum, overseas shipment.*

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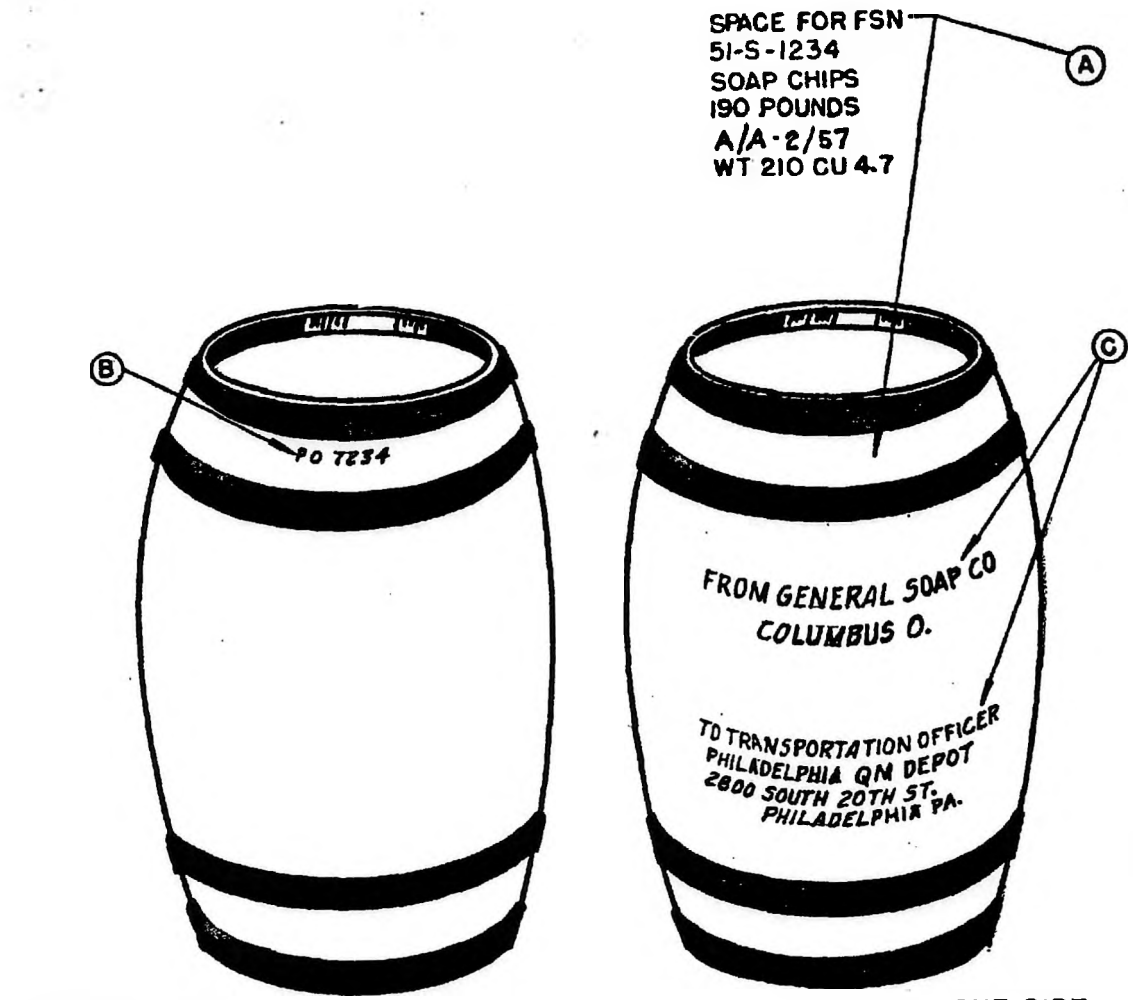
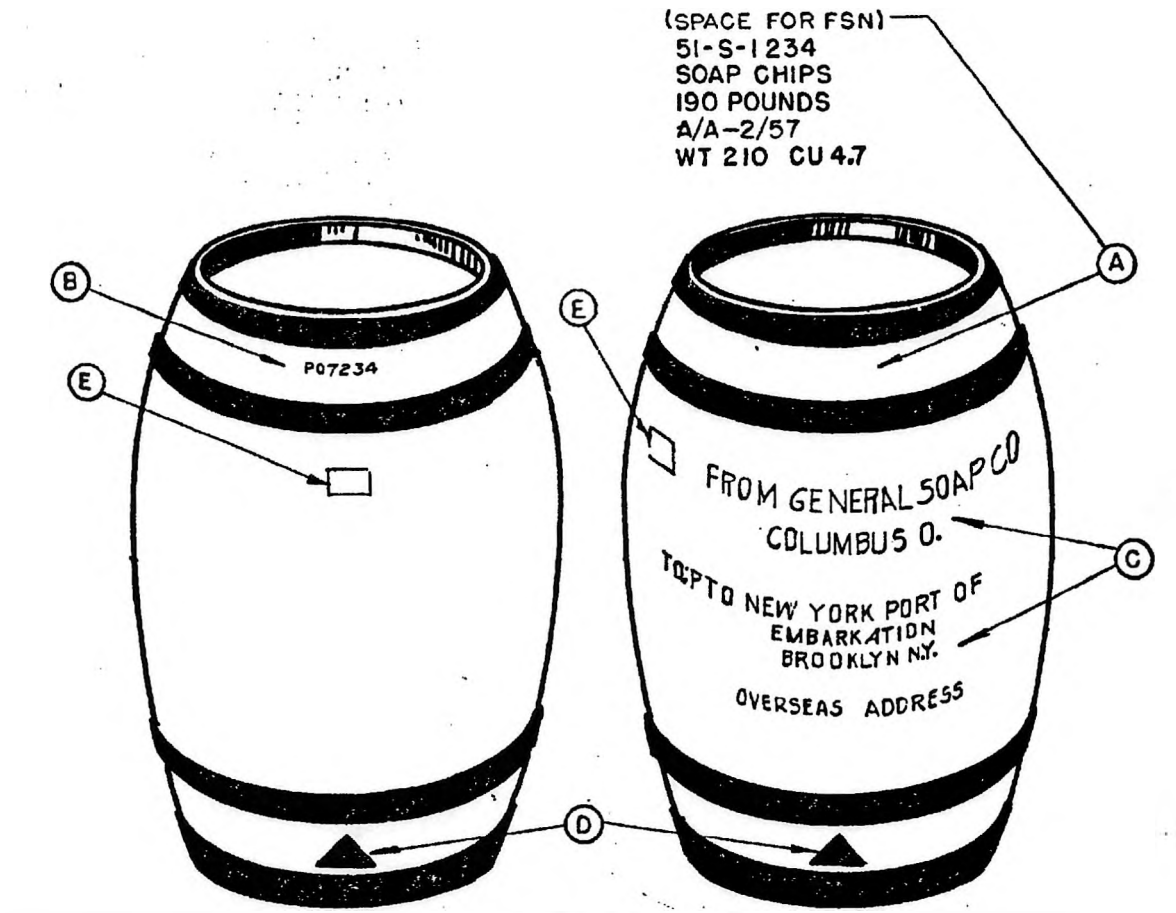


FIGURE 7C. *Basic marking for barrel (other than subsistence) domestic shipment and storage.*

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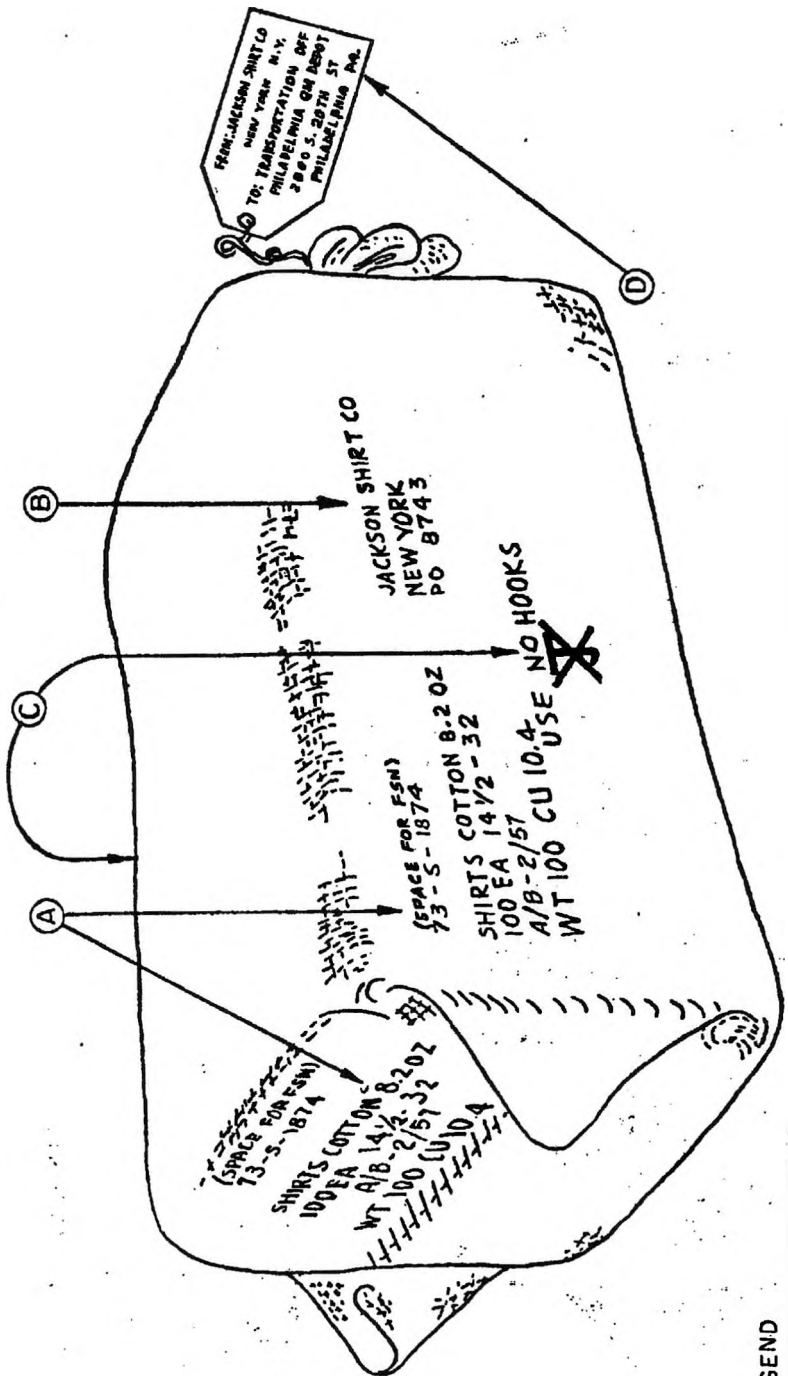
LEGEND

A—IDENTIFICATION MARKING	(SEE 6.1 — 8.4.1.1)
B—CONTRACT DATA MARKING	(SEE 6.2 — 8.4.2)
C—DESTINATION MARKING	(SEE 6.6, 8.4.1.2 — 8.4.1.3)
D—SERVICE DESIGNATION	(SEE 6.7 — 8.4.4)
E—FOREIGN AID LABEL	(SEE 6.10)

FIGURE 7D. *Basic marking for barrel (other than subsistence) overseas shipment.*

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LEGEND
A- IDENTIFICATION MARKING (SEE 6.1, 8.5.1.2, 8.5.1.3.1
B- CONTRACT DATA MARKING (SEE 6.2 - 8.5.1.3.2
C- PRECAUTIONARY AND SPECIAL MARKING (SEE 8.5.1.3.3, 8.5.1.4, 8.5.1.5
D- DESTINATION MARKING (SEE 6.6, 8.5.1.6

FIGURE 8A. *Basic marking for tubular bale (preseun end), domestic shipment and storage.*

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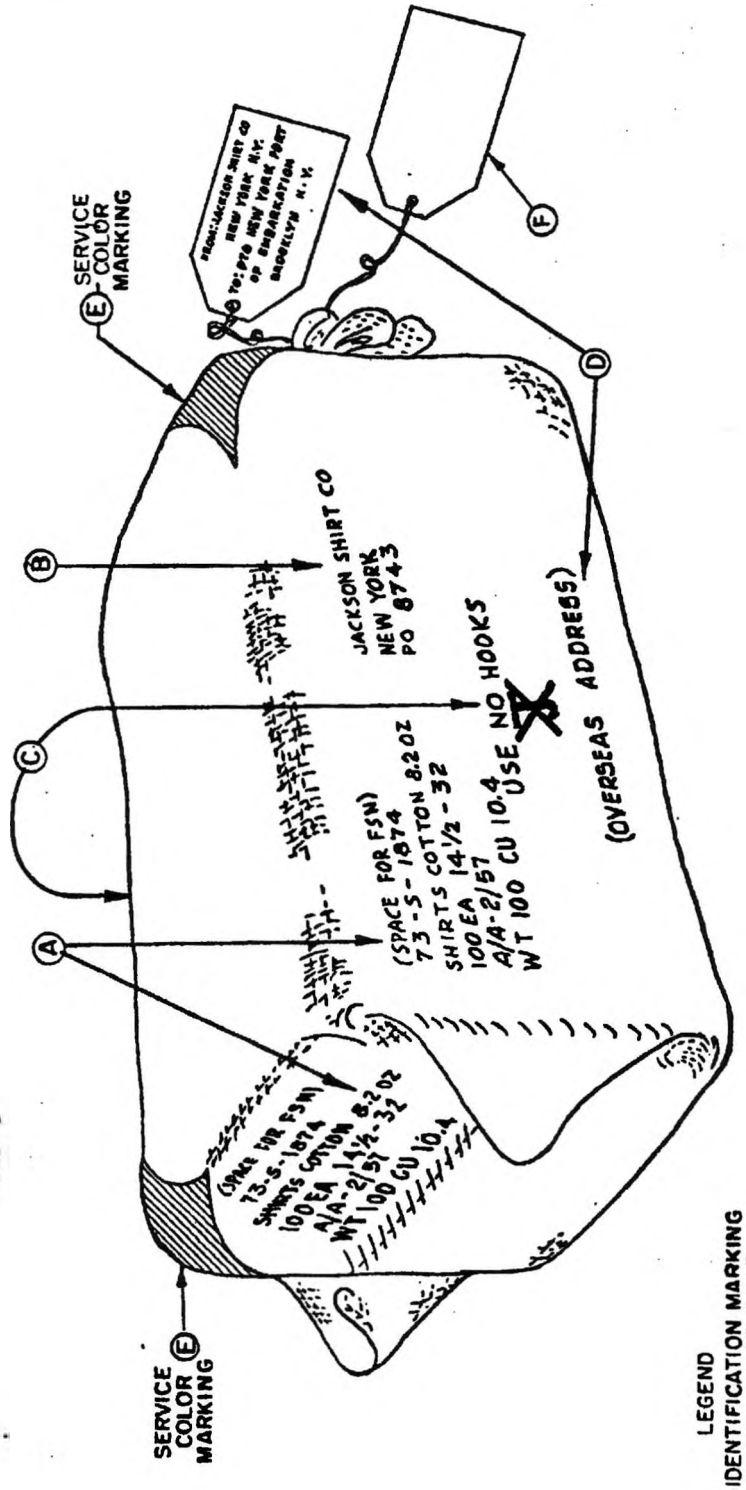
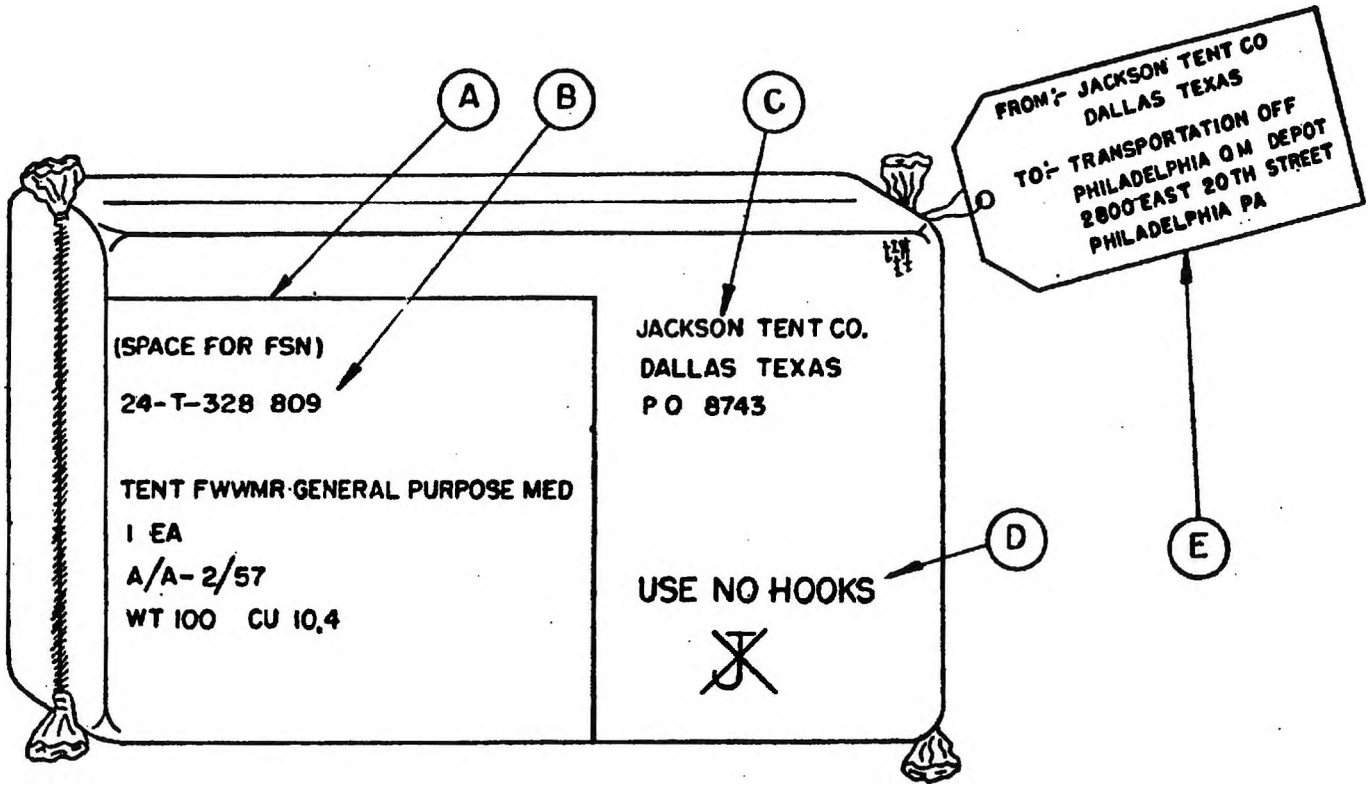


FIGURE 8B. *Basic marking for tubular bale (pressure end), overseas shipment.*

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LEGEND

A.- RECTANGULAR COLORED PANEL (SEE 8.5.2.2)

B.- IDENTIFICATION MARKING (SEE 6.1, 8.5.2.3)

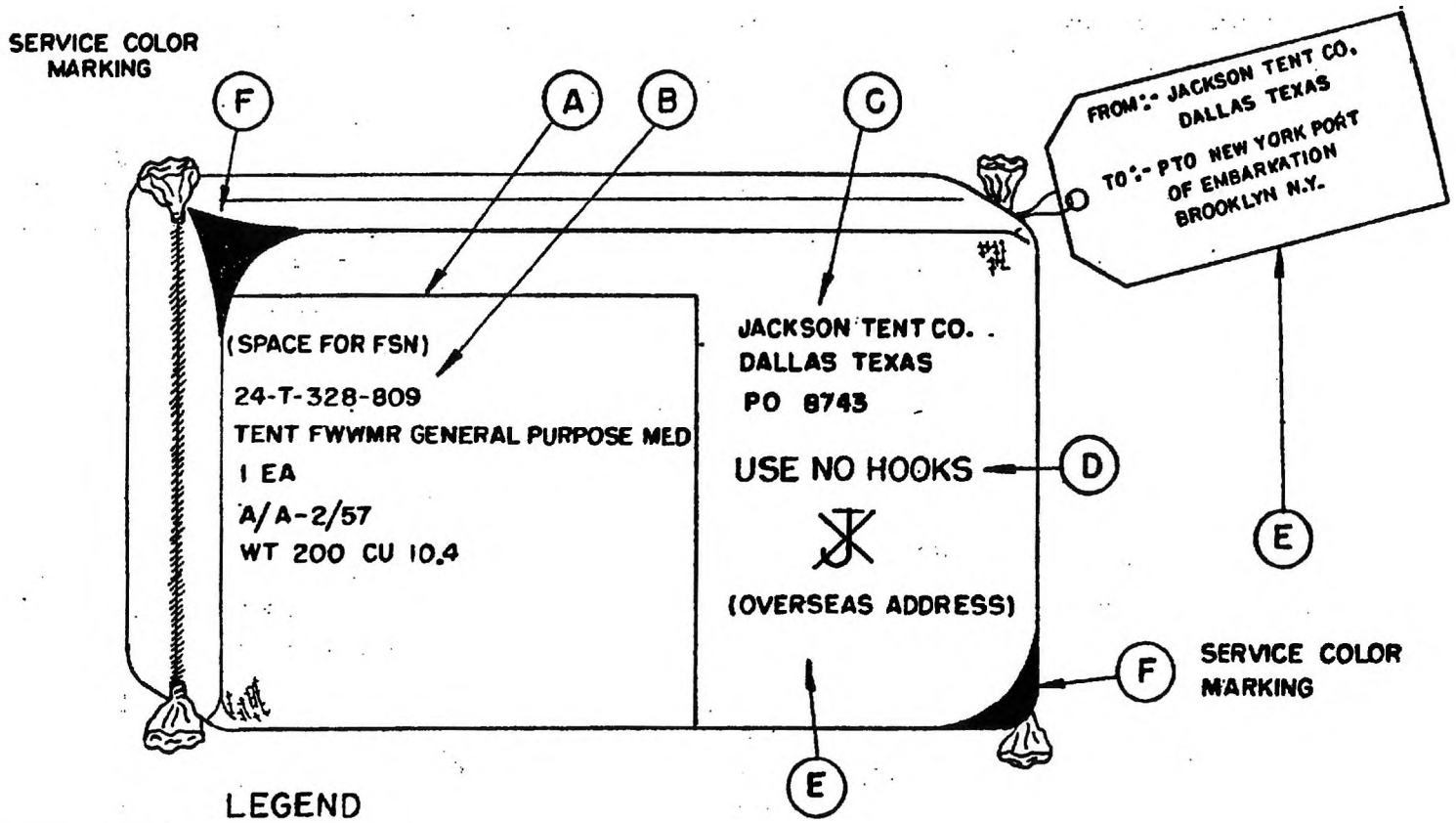
C.- CONTRACT DATA (SEE 6.2, 8.5.2.4)

D.- PRECAUTIONARY & SPECIAL MARKING (SEE 8.5.2.5, 8.5.2.6)

E.- DESTINATION MARKING (SEE 6.6, 8.5.2.7)

FIGURE 8C. *Basic marking for cloth covered bundle (wire tied or sewn end) domestic shipment and storage.*

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LEGEND

A. RECTANGULAR COLORED PANEL (SEE 8.5.2.2)

B. IDENTIFICATION MARKING (SEE 6.1, 8.5.2.3)

C. CONTRACT DATA MARKING (SEE 6.2, 8.5.2.4)

D. PRECAUTIONARY & SPECIAL MARKING (SEE 8.5.2.5, 8.5.2.6)

E. DESTINATION MARKING (SEE 6.6, 8.5.2.7, 8.5.2.8)

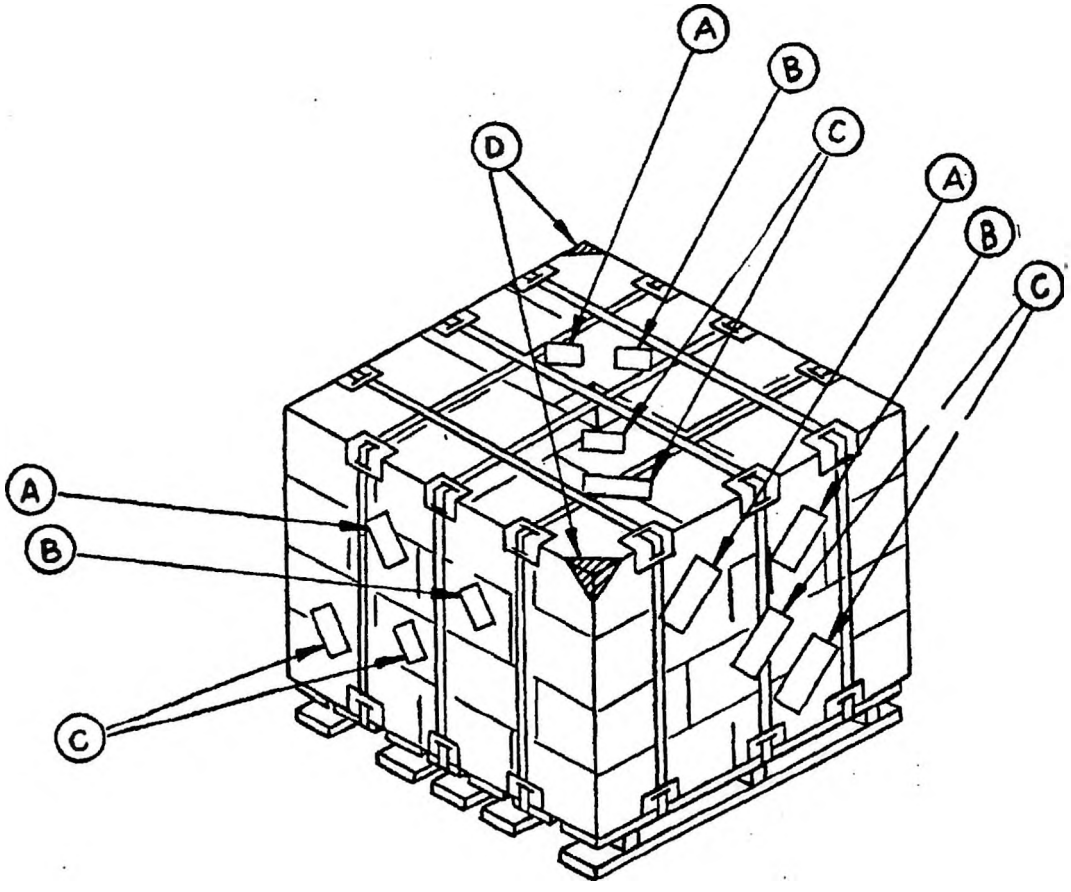
F. SERVICE DESTINATION (SEE 6.6, 8.15.10)

FIGURE 8D. *Basic marking for cloth covered bundle (wire tied or sewn end) oversea shipment.*

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Method A. Marking of unit loads of boxes (i.e., corrugated fiberboard, nailed wood, wirebound, cleated, plywood, etc). Stencil the required markings, in letters at least 1-3/4 inch high, where available space permits, on two adjacent sides and the top of the unit load, diagonally across the containers and between the straps. To provide a suitable area for stenciling, contractors should build each unit load on the pallet so that the markings on individual containers do not show on two adjacent sides of the unit load. It is necessary for activities receiving palletized loads with exposed container markings to provide clear areas large enough for marking two adjacent sides, by masking out container markings with obliterating paint.

LEGEND

A. IDENTIFICATION MARKING (SEE 6.1 and 8.10.2)

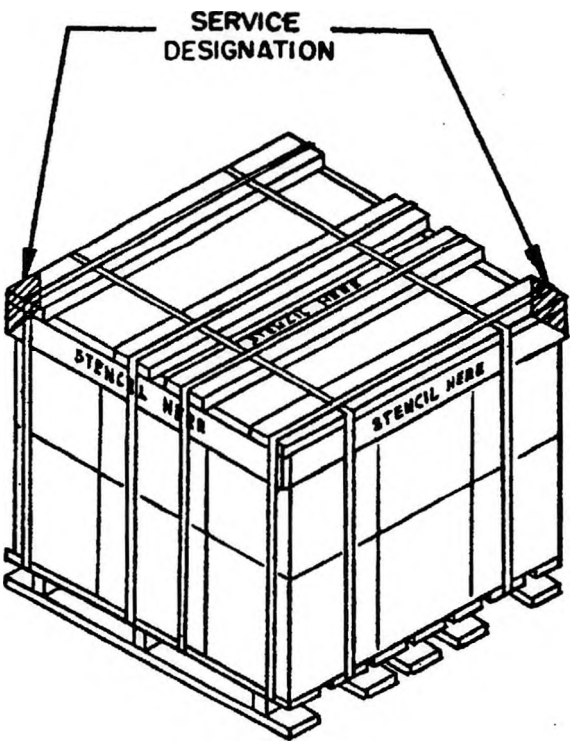
B. CONTRACT DATA MARKING (SEE 6.2 and 8.10.2)

C. DESTINATION MARKING (SEE 6.6 and 8.10.2)

D. SERVICE DESIGNATION (SEE 6.7 and 8.10.2)

FIGURE 9A. *Method A for marking palletized unit load.*

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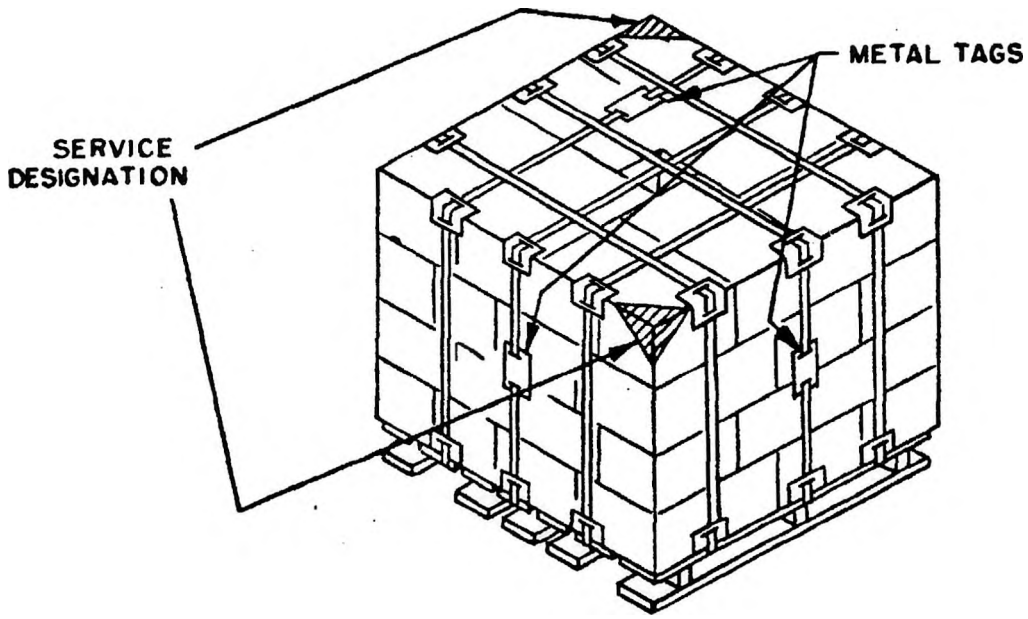


Method B. Marking palletized unit loads which have wood collars or frames (i.e., firebrick, metal drums, etc.). Stencil the required markings on two adjacent sides and the top of the collar or frame in the largest letters commensurate to the wood area available for stenciling.

FIGURE 9B. *Method B for marking palletized unit load.*

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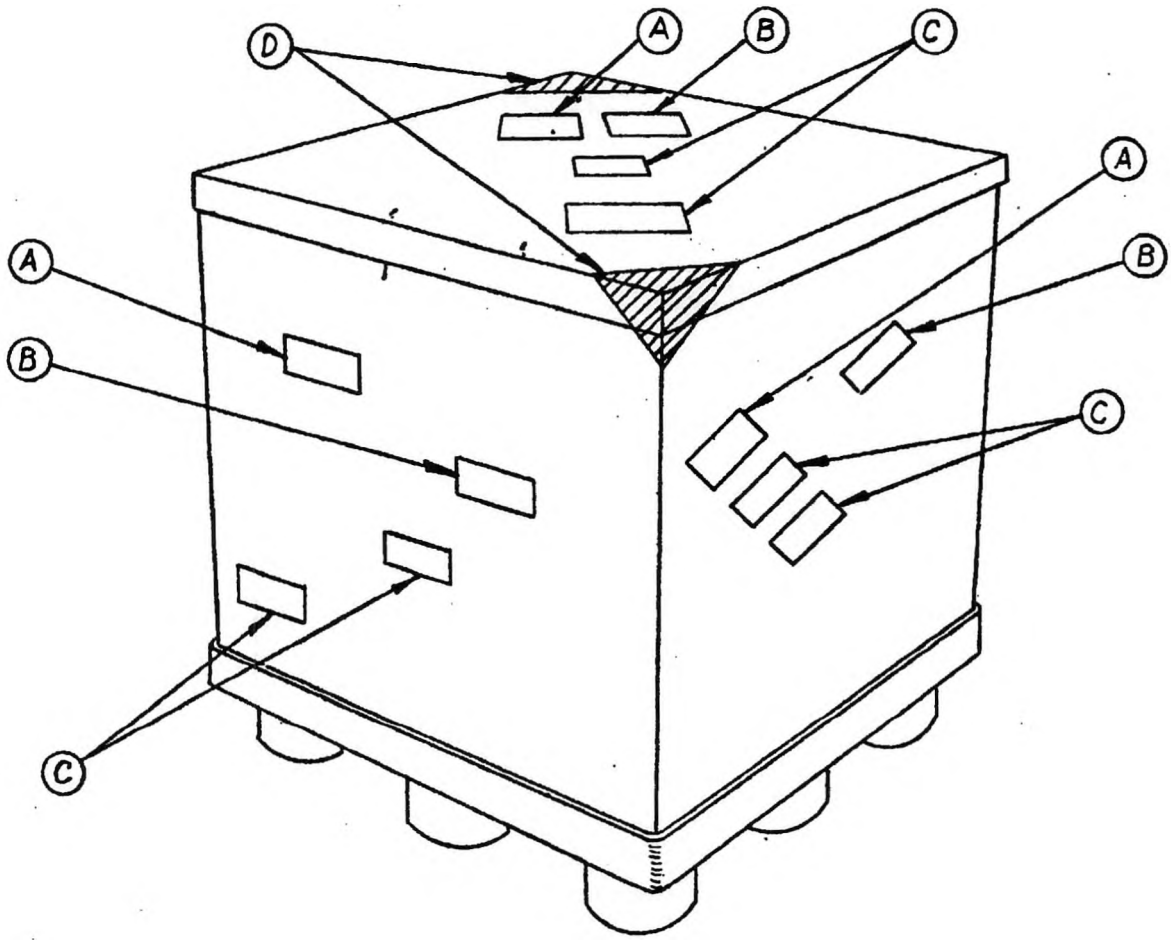


Method C. Alternate method for marking any unit load. When the load is being strapped, thread the straps through slotted metal embossed marking tags at least 3" x 5-1/2" on two adjacent sides and the top of the unit load. Thread the tag on the top of the unit load on a strap which does not contain a side marking tag. Secure the tags at the center of the load by means of a twisted wire or other suitable method.

FIGURE 9C. *Method C for marking palletized unit load.*

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LEGEND

A. IDENTIFICATION MARKING (SEE 6.1 and 8.10.2)

B. CONTRACT DATA MARKING (SEE 6.2 and 8.10.2)

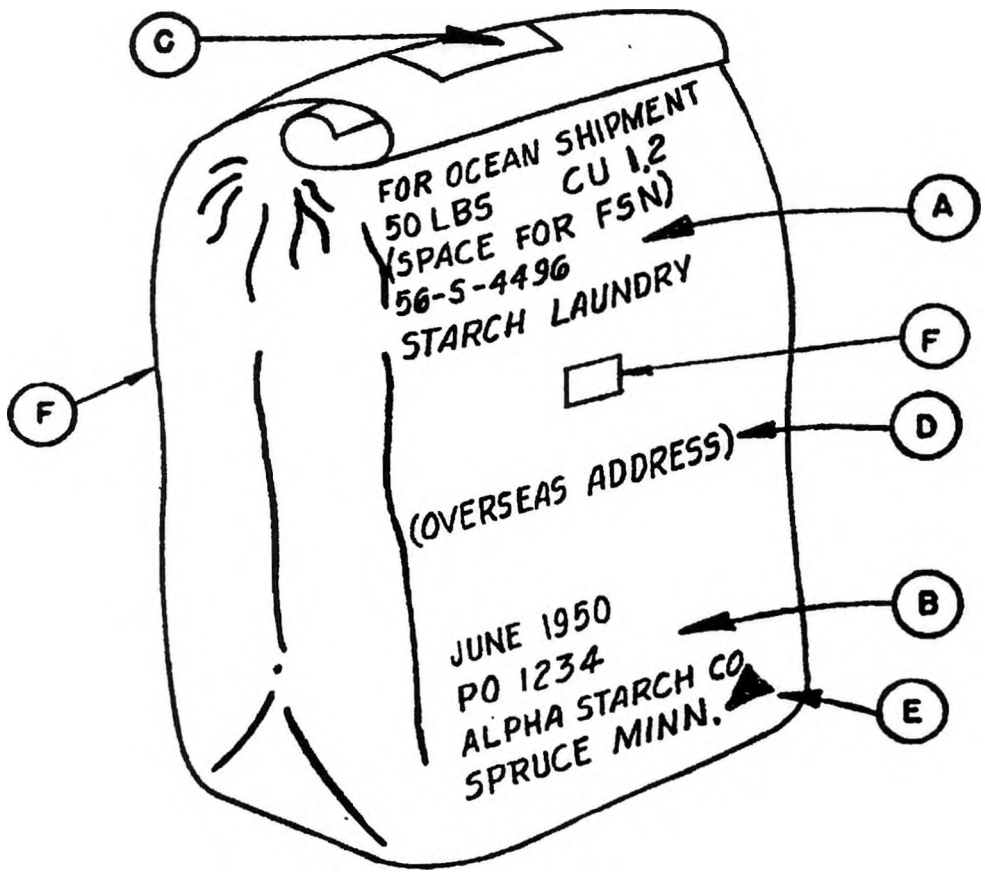
C. DESTINATION MARKING (SEE 6.6 and 8.10.2)

D. SERVICE DESIGNATION (SEE 6.7 and 8.10.2)

FIGURE 9D. *Method D for marking box type pallets.*

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A—IDENTIFICATION MARKING (SEE 8.11)
B—CONTRACT DATA MARKING (SEE 8.11)
C—DOMESTIC ADDRESS (SEE 8.11.1)
D—OVERSEAS ADDRESS (SEE 8.11.2)
E—SERVICE DESIGNATION (SEE 8.11.3)
F—FOREIGN AID LABEL (SEE 6.10)

FIGURE 10A. *Marking for paper shipping sacks.*

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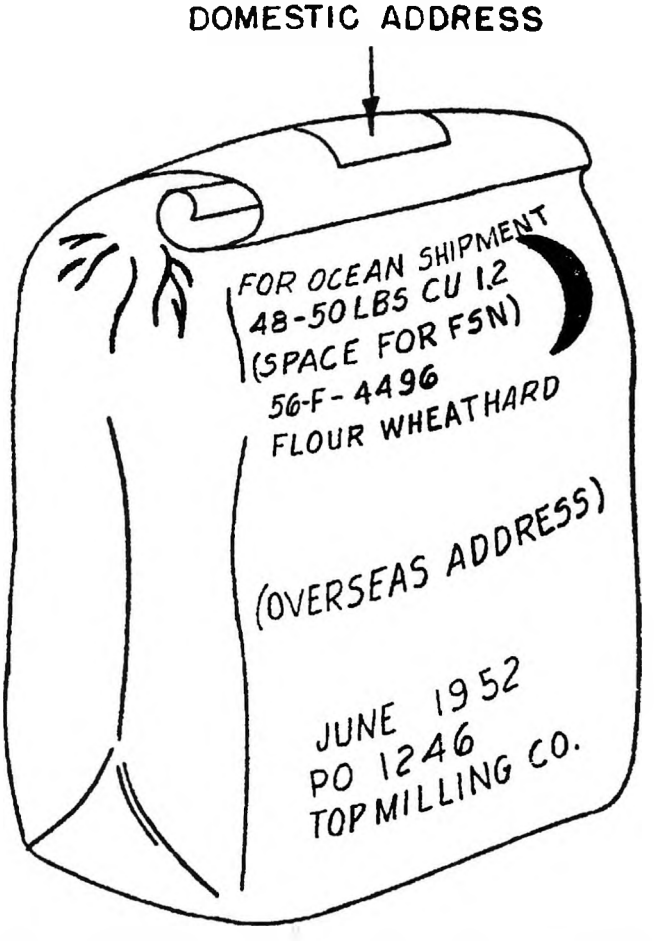


FIGURE 10B. *Marking for paper shipping sack — subsistence.*

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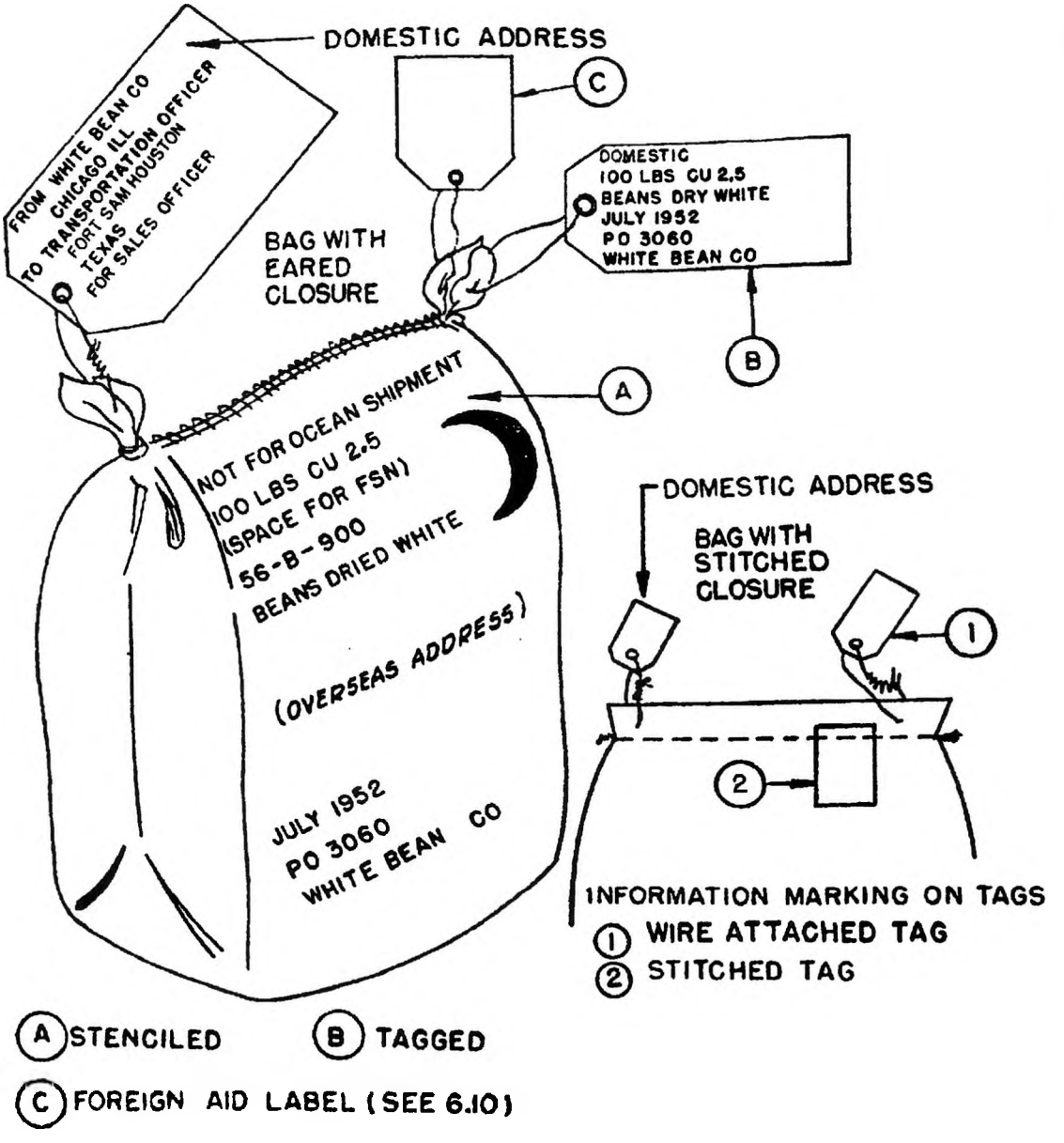


FIGURE 10C. *Marking for shipping bags (textile and laminated textile) subsistence.*

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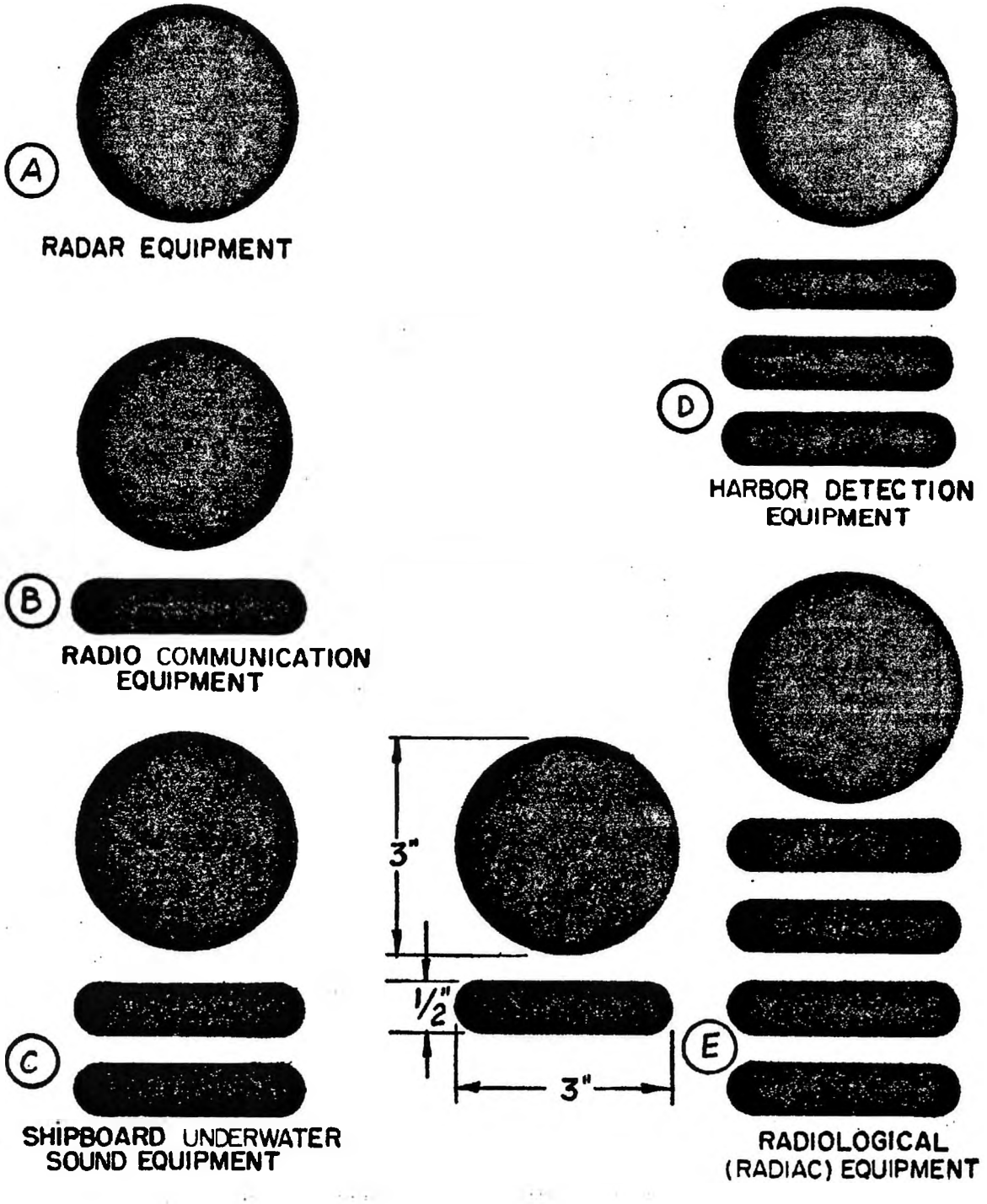


FIGURE 11. *Symbols for electronic equipment.*

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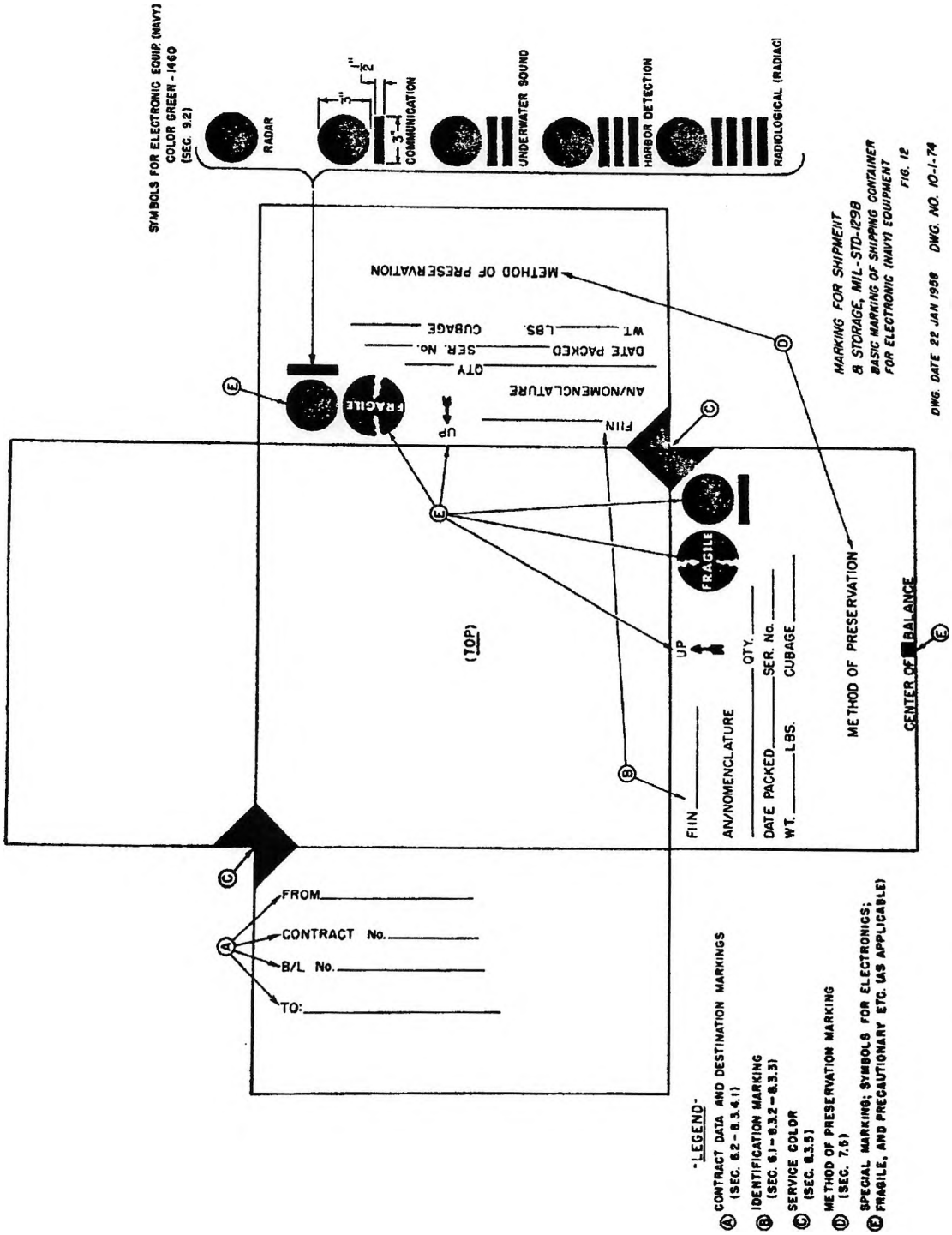


FIGURE 12. *Basic marking of shipping container for electronic (Navy) equipment.*

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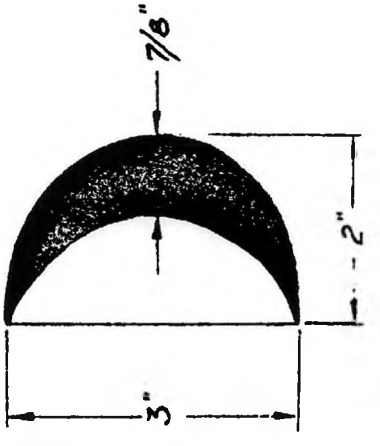
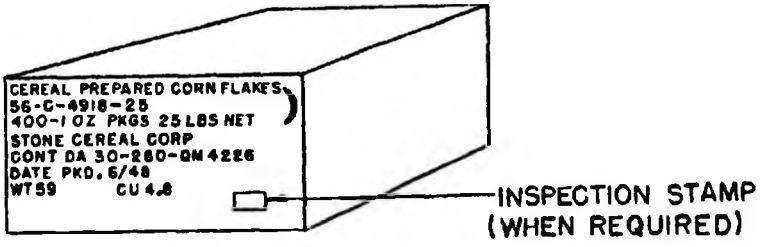


FIGURE 13. *Crescent symbol for subsistence items.*

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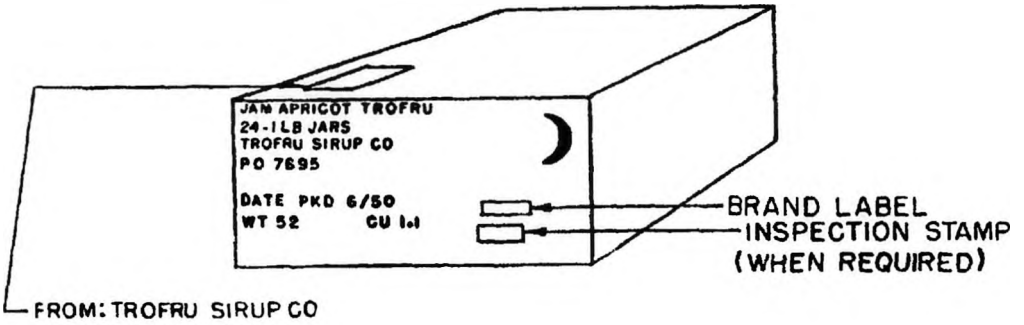
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9999911 0437049 373



FOR ISSUE ITEM, CARLOAD SHIPMENT (SEE 1.5, 1.6, 10.2.1.1, 10.5.1, 10.5.2, AND 10.9.1

FIGURE 14A. MARKING OF SHIPPING CONTAINERS FOR NONPERISHABLE SUBSISTENCE, OVERSEAS SHIPMENT



FOR RESALE ITEM LCL (SEE 1.5, 1.6, 10.2.1.2, 10.5.1, 10.5.2, 10.9.1, AND 10.9.5)

FIGURE 14B. *Marking of shipping containers for nonperishable subsistence overseas shipment.*

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FOR ISSUE ITEM, SEALED CARLOAD AND FULL TRUCKLOAD SHIPMENT
(SEE 1.5, 1.6, 10.2.2.1, 10.5.1, 10.5.2 AND 10.9.1)

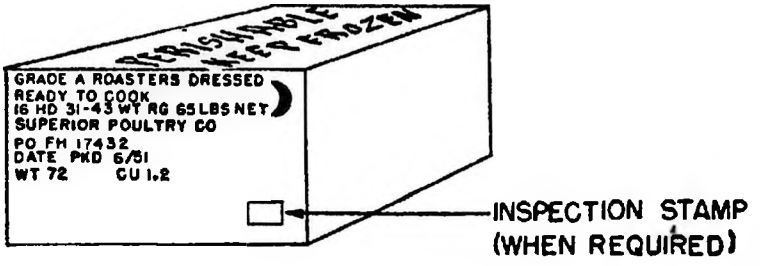
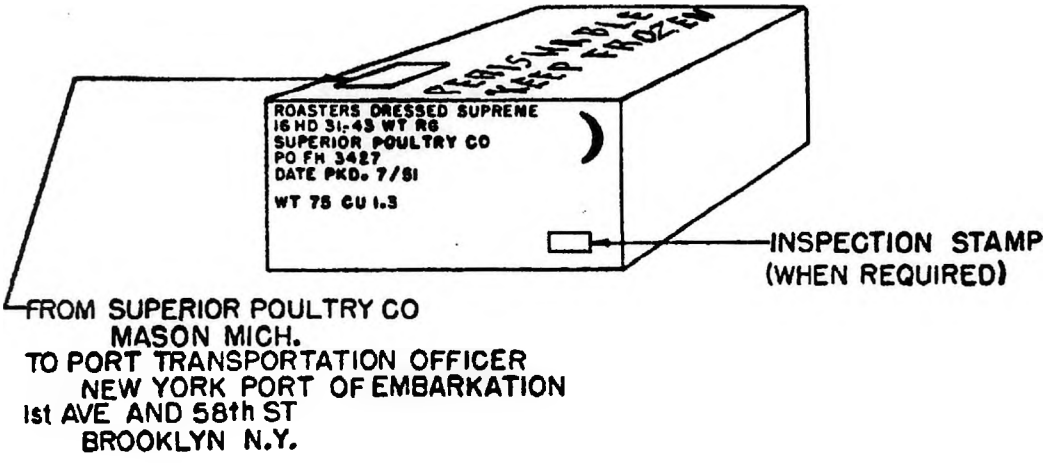


FIGURE 14C. MARKING OF SHIPPING CONTAINERS FOR PERISHABLE SUBSISTENCE OVERSEAS SHIPMENT



FOR RESALE ITEM LCL AND LTL
(SEE 1.5, 1.6, 10.2.2.2, 10.5.1, 10.5.2 AND 10.9.1)

FIGURE 14D. *Marking of shipping container for perishable subsistence overseas shipment.*

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RADIATION HAZARD

CAUTION : UNAUTHORIZED-PERSONS-STAY AWAY
RADIOISOTOPE* CHEMICAL SYMBOL
QUANTITY * _____
DATE _____
* SHIPPER FILL-IN DATA

COLOR SCHEME

LETTERS "DANGER" WHITE LETTERING-RED SYMBOL & ELLIPTICAL BACKGROUND-MAGENTA BASIC BACKGROUND-YELLOW

FIGURE 15. *Symbol for radiation hazard marking.*

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FIGURE 16. *Foreign aid label.*

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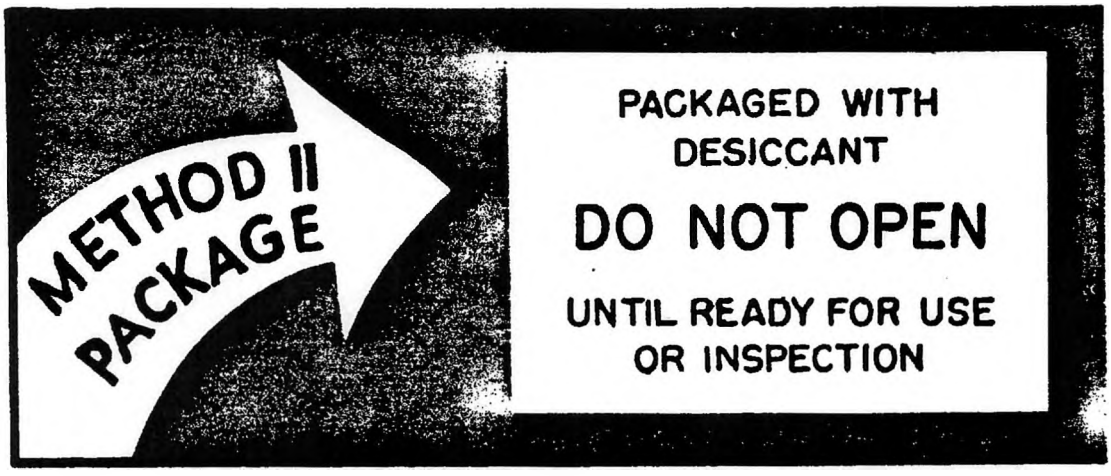
9999911 0437053 8T4



FIGURE 17. *Symbol for "use no hooks".*

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FIGURE 18. *Warning label.*

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