

1.1.1.1 Cable and Wire Markings.

Disconnectable cables and wires shall be permanently and legibly marked in accordance with the following requirements, which shall apply to all equipment categories (i.e., TPE, CaNDI, GFE, and CAO). Types of disconnectables include plugs, jacks, lugged terminals, push-on captivated wires. Jumpers or links located on terminal boards, jacks or plugs are exempt from such marking. Soldered or wire wrap connections are also exempt from such marking. Markings shall not damage the wires or cables attached to and shall be located within approximately 8 cm from the connector, terminal or plug, oriented in such a manner as to be readable without removal of the wire or cable or support clamps.

1.1.1.1.1 Cable Marking Method.

The following methods shall be used to mark cables and wires:

- a) Molded on the cable.
- b) Stamped on the cable.
- c) Securely attached, appropriately marked plastic bands (no less than .25 mm thickness).
- d) Bands of appropriately marked heat shrinkable tubing.

1.1.1.1.2 Cable Marking Information.

The following information shall be marked on all disconnectable cables.

1.1.1.1.2.1 “W” and “P” Cable Designations.

A “W” designation (W1, W2, etc.) shall be assigned to uniquely identify cables and wires. The numerical portion of the “W” designations shall be consecutive throughout the trainer. In addition, each connector within the same cable shall be identified with a “P” designation (P1, P2, etc). The numerical portion of the “P” designations shall be consecutive for a given cable. The “W” and “P” designations shall be marked on cables in accordance with Figure 1.

1.1.1.1.2.2 To-from Designators.

In addition to the “W” and “P” designations, cable and wire markings shall also include “to-from” reference designators to identify the locations where they are connected. Cables and wires internal to subassemblies are not required to be marked with the “from” designator. The “to-from” designators shall be marked on cables in accordance with Figure 1.

1.1.1.1.2.3 Assembly / Part Number.

Trainer-peculiar wires, cables, and harnesses shall also be identified and marked with the applicable assembly or part number. The number may be included with other required cable markings where space permits. Otherwise, a separate marking shall be made adjacent to the “W”, “P”, and “to-from” designator markings.

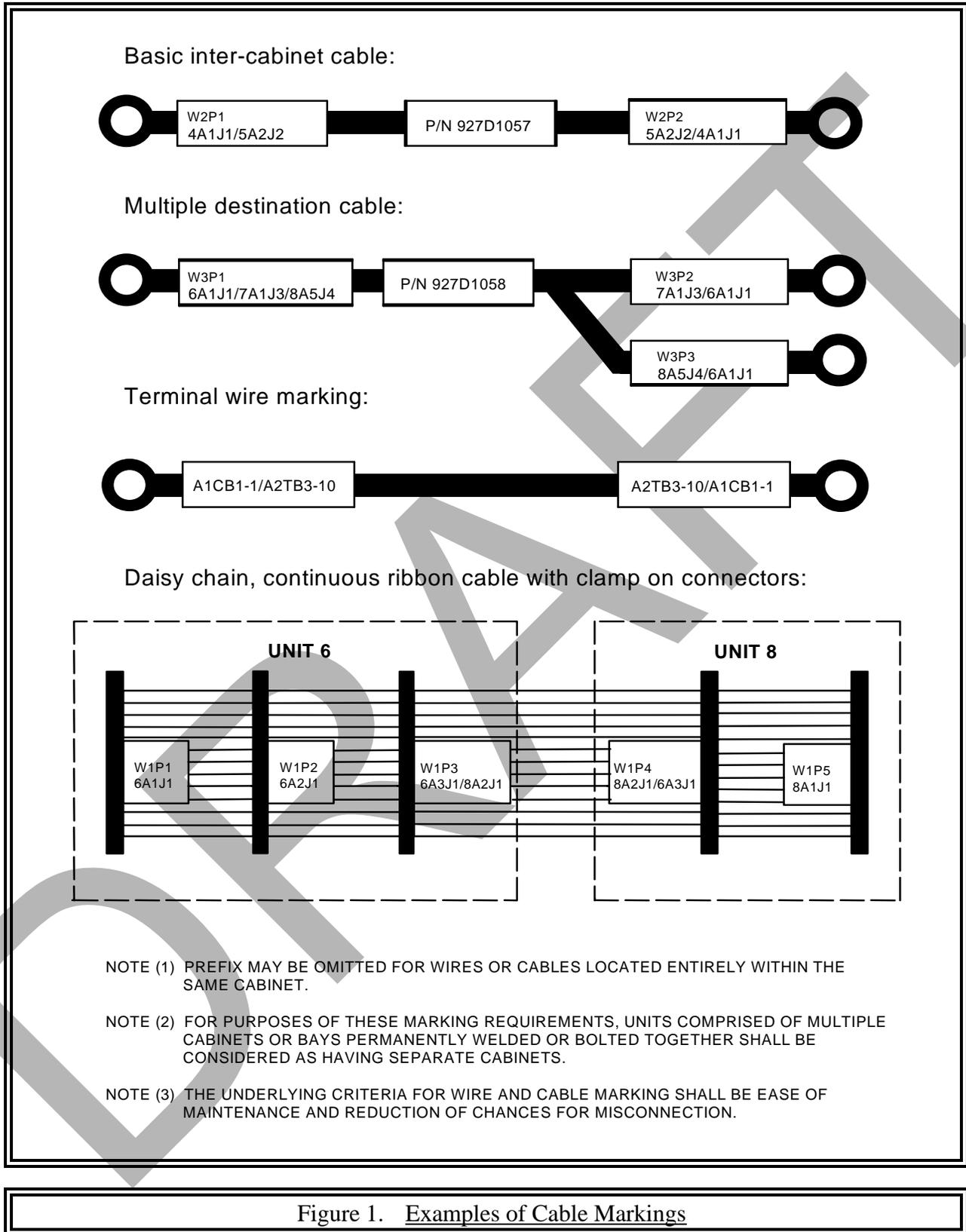


Figure 1. Examples of Cable Markings

WARNING		
THIS EQUIPMENT ENERGIZED FROM MULTIPLE SOURCES. TURN OFF THE FOLOWING TO FULLY DEENERGIZE THIS UNIT.		
CIRCUIT	SWITCH LOCATION	SWITCH IDENTIFICATION
_____	_____	_____
_____	_____	_____
_____	_____	_____

Figure 2. Multiple Power Source Label

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