

"COSMIC*" 1
MAIN DISTRIBUTING FRAME SYSTEM
INSPECTIONS

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1. GENERAL

1.01 This section describes items to be covered when performing inspections on the COSMIC I main distributing frame system. This is a single-sided frame system.

1.02 Whenever this section is reissued, the reason for reissue will be stated in this paragraph. The Equipment Test List is affected.

1.03 Section 201-222-101 contains a description of this frame system. Maintenance personnel

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should be familiar with the information contained in this section and other sections in the 201-222-XXX layer before performing the inspections. Procedures for the protector frame inspections are covered in Section 201-219-501.

1.04 Defects found during performance of regular duties, as well as those found in the course of inspections, should be corrected.

2. APPARATUS

2.01 Tools, except for eye protection devices, are not required for actual inspections. Regular frame maintenance tools may be necessary for corrective measures as mentioned in paragraph 1.04. Refer to the lists of tools in the 069 division practices under the various subjects pertaining to distributing frame maintenance.

3. METHOD

3.01 The following inspections shall be performed to determine if the conditions are as stated under each of the headings.

A. Cross-Connection Wires

(1) Cross-connection wires are installed, terminated, and dressed in accordance with instructions in Section 201-222-301.

(2) *Dead* cross-connections have been removed.

B. Connecting Blocks

(1) Connecting blocks are securely fastened to the frame.

(2) Stamping on the fanning strips is legible.

(3) Terminal field is clear of wire clippings or foreign material.

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SECTION 201-222-501

- (4) Spare connecting block locations are equipped with the properly colored filler panels.

C. Cabling

- (1) Connecting block cabling is securely fastened to the framework.
- (2) Cable fasteners (straps, tie cords, etc.) are in place and are not broken.

D. Test/Talk Panels

- (1) Panels are securely fastened to the frame.
- (2) Talk circuits are properly identified.
- (3) Transmission and reception are satisfactory.
- (4) Pushbuttons and lamps function properly.
- (5) Test battery and ground supply jacks are functioning properly.

E. Loudspeakers

- (1) Transmitter panels and speakers are securely fastened to the frame.
- (2) Circuits are properly identified.
- (3) Transmission and reception are satisfactory.
- (4) Pushbuttons and lamps function properly.

F. Rolling Ladders and Wire Reels

- (1) Ladder steps, including the hinged folding step, are securely fastened to the ladder frame and are not split nor worn thin at the edges.
- (2) The rubber bumpers and shoes are in place.

- (3) The casters roll freely and retract when the ladder is occupied.

- (4) Ladder-mounted wire reels are securely mounted on the ladder.

- (5) Reels (both ladder-mounted and free-standing) turn freely and the brake mechanism functions properly.

G. Special Service Devices

- (1) Special service devices are properly installed on connecting blocks.
- (2) There is an ample supply of new devices.

H. Service Observing Jack Panels and Cords

- (1) Jack panels are fastened securely to the frame.
- (2) Cords are neatly draped within the framework.
- (3) Cords are not frayed; plugs are not bent or broken; and contacts are clean.

I. Electric Outlets

- (1) Frame-mounted electrical outlets are in working order.

4. REPORTS

- 4.01 Any required record of this inspection and any repair work should be entered on the proper form.