

SCHEDULED INSPECTION  
OF EXCHANGE AERIAL CABLE

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1. GENERAL

1.01 This appendix has been issued to assist in the correct classification of cable trouble on the Cable Inspection Report, Form PF-699. Part 2 lists each trouble code classification followed by a number of subheadings which indicate in detail the types of trouble that are covered by the particular classification.

2. TROUBLE CODE CLASSIFICATION

2.01 Structural

1. SLEEVE JOINT

(Including joints in both pressure plug and trouble sleeves in stub cable)

- A. Straight splice
- B. Multiple splice
- Z. All other

2. SEAM

(Including seams in stub cable)

- A. Sheath
- B. Sleeve-straight splice
- C. Sleeve-multiple splice
- Z. All other

3. PATCH

(Including patches in stub cable)

- A. Within 12 inches of sleeve joint
- B. Elsewhere - within reach of pole
- C. At press marks - all locations
- D. At gas pressure fittings - all locations
- Z. All other

4. TAPED OPENING

(Temporarily taped or wrapped)

5. CRACK-SLEEVE AREA

(Excluding cracks initiated by Codes 7 and 8 causes and also cracks in stub cable - Code 9)

- A. Within 2 inches of sleeve joint
- B. From 2 inches to 12 inches out
- Z. All other

6. CRACK-ELSEWHERE

(Excluding cracks initiated by Codes 7 and 8 causes and also cracks in stub cable - Code 9)

- A. Within reach of pole, bracket or similar support
- B. Within reach of span clamp, tree guard or tree pull-off - all locations
- Z. All other

7. CUT BY SUPPORT

(All cases in which supports are the evident cause, but excluding all such cases in stub cable - Code 9)

- A. Ring
- B. Lashing wire
- C. Grade clamp
- D. Cable support
- E. Cable clamp
- F. Wire tie
- G. Marlin tie
- Z. All other

8. OTHER CHAFE

(All cases in which other chafes are the basic cause, but excluding all such cases in stub cable - Code 9)

- A. Through bolt
- B. Tree, directly or via support
- C. Pole or other fixture of cable line
- D. Pole of other line
- E. Guy
- F. Strand-mounted terminal
- Z. All other

9. BROKEN STUB CABLE - Term., Load Coil, Etc.

(Excluding Codes 1 through 4 cases and those from "External" and "Electrical" sources - except Code 13-F)

- A. Cracked, cut or chafed adjacent to main sleeve joint
- B. Cracked, cut or chafed adjacent to terminal, load coil case, etc.
- C. Sheath constriction - pressure plug
- D. Cracked, cut or chafed - elsewhere
- Z. All other

10. OTHER

- A. Insulating joint
- B. Permanently taped splice
- C. Sleeve opened by excessive "permanent" gas pressure
- D. Cast iron bend (excl. ice and frost cases)
- Z. All other

2.02 External

11. BULLET

(In cable, cable stubs and load coil cases)

- A. 22 Gauge
- B. Other rifle and pistol
- C. Shot gun
- Z. All other

12. BRUISE

(Including cut, dent, mark, scar, etc. - actual sheath break delayed and/or initial cause not definitely known)

13. BELL WORKMEN

- A. Spur Cut
- B. Stepping or climbing on cable
- C. Pick or digging bar puncture
- D. Other tools or material striking cable
- E. Sheath or sleeve opened by excessive "temporary" gas pressure
- F. Pole replacement or move (excl. broken stub cable case - Code 9)
- G. Duct not sufficiently cleaned
- H. Water entering open splice, trouble cut or insulating joint
- Z. All other

14. FOREIGN WORKMEN

(Sheath broken at time of contact and/or initial cause definitely known)

- A. Other wire-using Companies
- B. Highway construction
- C. Building construction
- D. Railroad construction
- E. Quarry or mine operation
- F. Gas Company
- G. Water Company
- H. Other pipe line companies
- Z. All other

15. FIRE

- A. Gas filling station
- B. Building or other structure
- C. Vehicle including aircraft
- D. Forest, brush or grass fire
- E. Gas explosion or manhole fire
- F. Oil slush-pit fire
- G. Inflammable material piled under cable
- Z. All other

16. RODENTS AND INSECTS

- A. Squirrels
- B. Gophers
- C. Rats
- D. Beetles
- E. Borers
- Z. All other

17. ICE AND FROST

- A. Ice in main conduit
- B. Ice in lateral conduit
- C. Ice in cast iron bend
- D. Frost heaving
- Z. All other

18. MANUFACTURING DEFECT

- A. Press mark
- B. Longitudinal split
- C. Foreign particle in metal
- Z. All other

19. OTHER

(Sheath broken at time of contact or exposure and/or initial cause definitely known)

- A. Wind, flood, sleet, land-slide
- B. Water undermining conduit
- C. Soil erosion or frost exposing cable to damage
- D. Falling tree
- E. Other falling object or material
- F. Aircraft, automobile or other vehicle striking pole or cable
- G. Malicious damage or theft
- H. Subscriber, children
- Z. All other

2.03 Electrical

21. CORROSION

- A. Stray current (Electrolysis)
- B. Chemical or soil
- Z. All other

22. LIGHTNING

- A. Direct stroke to cable
- B. Entered cable via telephone wire plant
- C. Entered cable via foreign wire plant
- D. Entered cable via fence
- Z. All other

**23. FOREIGN WIRE**

- A. Power arc follow-up
- B. Trolley pole contact
- C. Trolley wire or feeder contact
- D. Other foreign wire contact
- E. Tel. Wire crossed with foreign wire and cable
- F. Tel. wire entering cable crossed with foreign wire
- Z. All other