

MOBILE HOME WIRING
PERMANENT TYPE

1. General

1.01 This addendum supplements and changes information in 461-220-100.

Change 1.03 to the following:

1.03 Refer to BSP 460-100-400SN for additional information on station protection, placing and testing gas tube protectors and CATV considerations.

4. Installing Station Protector

Add the following to 4.02:

- (e) Where the power ground is some distance from the mobile home and at a common distribution point with the telephone facilities (as shown in Figure 1A), place a 116C protector at the distribution point. Ground the protector with #6 AWG ground wire to the best available ground and bond to the power system ground. Place a second protector at the mobile home in the standard manner, ground it with #12 AWG ground wire to the best available ground and bond the chassis to the protector with #10 AWG ground wire.
- (f) Where the power ground is some distance from the mobile home and not at a common distribution point as in Figure 1A and there is no means of bonding to the power system within 15 feet of the mobile home, place standard protection at the mobile home using the best available ground. The customer should be informed of the need of a power ground and should be requested to notify the telephone company when the ground has been provided. The procedure for notifying the customer should be covered by local instructions. The telephone protector grounding electrode must be bonded to the power ground electrode as soon as the power ground is installed.

Caution: The mobile home chassis must be bonded directly to the telephone protector or to the station ground (see Paragraph 4.07).

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In Paragraph 4.03, delete reference to Table A. Refer to 460-100-400 for the selection of the grounding medium.

Add the following to Paragraph 4.03:

4.03 The minimum size wire used by SNET is #12. It will be used in place of #14.

Change Paragraph 4.04 to the following:

4.04 If separate grounding electrodes are used, they shall be bonded together with a #6 bond wire. It must be buried deep enough to protect it.

5. CATV

5.01 Grounding and bonding procedures are as follows:

SUBSCRIBERS LOCATION

- (a) CATV companies are required to ground the outer conductor of their coaxial service drop wire at the subscribers location in accordance with the National Electrical Code. The preference of grounding is the same as the telephone grounding preferences.
- (b) CATV is required to bond to the power company ground with a #6 bonding wire where power and CATV grounds are not common. The bond between the telephone ground and power service ground completes the bond between CATV ground and telephone ground.

Note: During a station inspection, if the CATV is found not grounded or bonded properly, the subscriber shall be notified of the condition. It will be the subscriber's responsibility to contact CATV. Telephone employees shall not take it upon themselves to alter the CATV bonding or grounding, or to directly bond telephone and CATV ground.

FIGURE 1A

