SPLICE CASES 9A, 10A, 11A, 12A, 40E2, 41E2 FOR DUAL JACKETED CABLES

1. GENERAL

1.001 This addendum supplements Section 633-460-210.

1.002 It is reissued to:

(a) Provide instructions regarding the use of the Splice Case Bonding Kit.

(b) Change the torquing requirements for bolts in the splice case.

3. PREPARATION OF SHEATH OPENING AND INSTALLATION

The following changes apply to Part 3 of the section.

(a) 3.06 and 3.07 — Revised

(b) 3.07 NOTE — Added

(c) 3.08, 3.09, 3.12 and 3.13 — Canceled

(d) 3.14 — Revised

(e) 3.14 NOTE — Added

(f) 3.20, 3.22, 3.23 — Revised

(g) 3.23.1 and 3.23.2 — Added

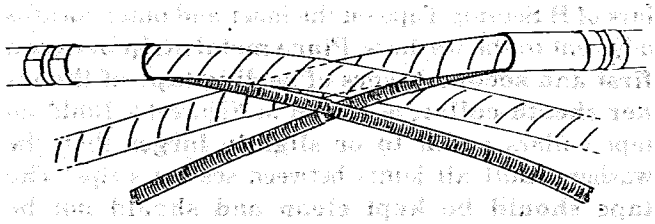
(h) 3.24 and 3.25 — Canceled

(i) 3.37 — Revised

(j) Figures 8, 10 and 16 — Canceled

(k) Figures 6, 7, 14 and 15 — Revised

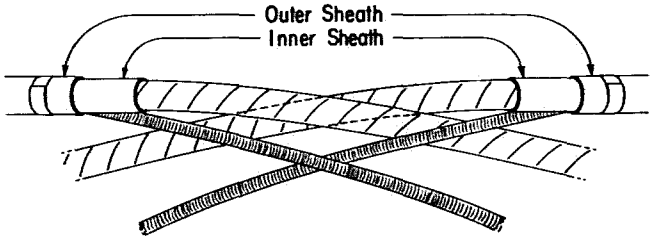
3.06 Remove the outer polyethylene sheath between inner tape markers. Do not disturb the underlying metal sheath. Cut a strip of the aluminum sheath one-inch wide and at least 6 inches long at the bottom or back of the opening. Remove the remainder of the metal shield and sheath. (See Figure 6.) HANDLE SHARP EDGES OF METAL SHEATH CAREFULLY.



Sheath Removed Between Inner Sheath Markers
Figure 6

3.07 Remove 3-1/4 inches of the outer sheath and excess aluminum, leaving the aluminum strip intact. Remove inner tape marker. (See Figure 7.)

Note: It is not necessary to tab the sheath or place an inner sheath clamp because the Splice Case Bonding Kit will be used. (See Section 638-300-902PT.)



3-1/4 Inches Outer Sheath Removed
Figure 7

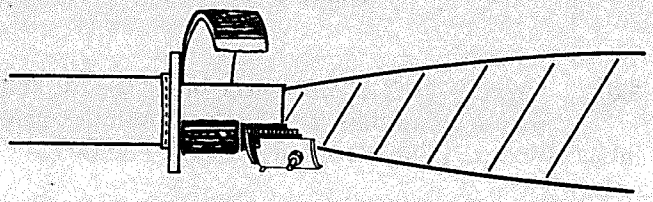
3.14 Cut off the aluminum strip at the edge of the inner sheath and place a D Bond Clamp, using a piece of polyethylene sheath for a shim. Attach a piece of bonding braid as described in Section 638-300-902PT. Make a similar connection on other side of the splice.

Note: This bond serves as a permanent bond as well as a temporary bond while splicing is in

progress. **Place a temporary tape wrap around the aluminum strip, D Clamp and the inner sheath to prevent damage during splicing.**

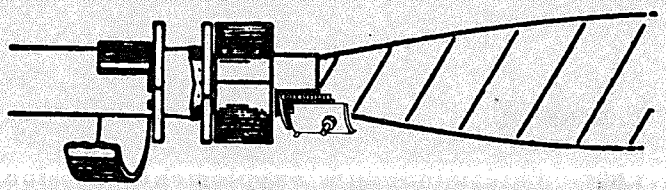
3.20 Remove the temporary tape wrap from around the inner sheath, aluminum strip and D Clamp, and thoroughly scuff the sheath, as illustrated in Figure 12. **Be very careful not to fracture the aluminum strip.**

3.22 Remove the splice case and check position of the washers on either side of the inner sheath clamp with marks on the cable sheath. Build up collars of B Sealing Tape on the inner and outer sheaths adjacent to the washers. **Place metal strip between first and second layers of sealing tape of the inner sheath collar,** as shown in Figure 14. Build up tape collars **equal to or slightly larger** than the washers. Butt all joints between sealing strips. **The tape should be kept clean and should not be stretched. Do not handle tape with damp or oily hands.** (See Figure 14.)



Placing Metal Strip Between Sealing Tape Layers
Figure 14

3.23 Position outer washer on outer seal and inner washer on inner seal so that they are butted against the sealing tape collars as shown in Figure 15. Rotate the washers at the ends of each seal so that the slits are 180 degrees apart.



Inner Seal In Position
Figure 15

3.23.1 Bind the aluminum strip and D Clamp with two half lapped layers of vinyl tape.

3.23.2 After the splice has been wrapped, complete the bonding operation by connecting the 18-inch piece of bond braid (pressure plug attached) to the D Bond Clamp on the aluminum shield. (See Section 638-300-902PT.)

3.37 **All parts of the splice case must be metal to metal.** The bolts shall be tightened to a torque of 450 inch-pounds. All bolts must be checked with a B Torque Wrench to make sure they meet this requirement.