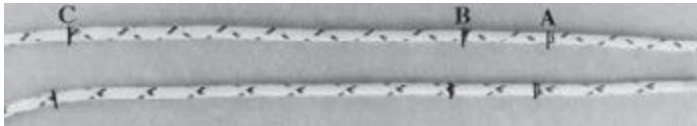




STA-SET X AND PCR END FOR END SPLICE

FIGURE 1

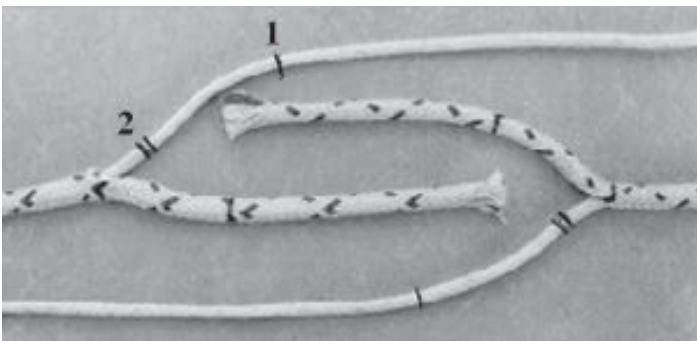


Step #1 – Lay out the two ends of the rope to be spliced together as shown in the photo.

Mark each rope as follows:

- Measure back one long fid length (see chart for fid lengths per diameter) from the bitter end and make Mark A.
- Measure a short fid length down from A and make Mark B.
- Measure 1 1/2 full fid length down from B and make Mark C.
- Tie a figure-8 knot 10 full fid lengths down from C.

FIGURE 2

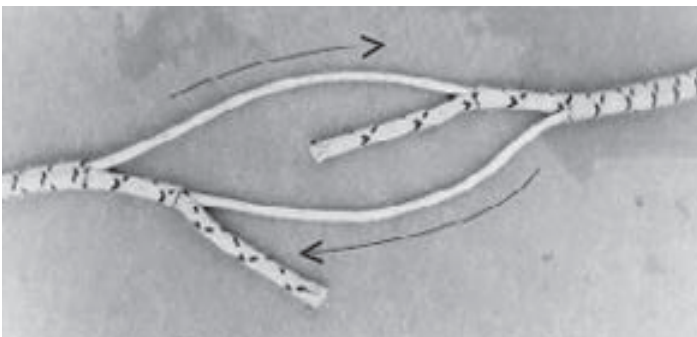


Step #2 – Extract the core from each rope at Mark B as shown. Tightly tape the end of the core to keep it from unraveling.

Slide the cover down the core toward the knot as far as possible. Then smooth the cover back toward the end of the core. Mark core where it exits the cover. This is Mark 1.

Slide cover back down core. Measure on short fid length from Mark 1 and make Mark 2. Place a single wrap of tape around the core at Mark 2.

FIGURE 3



Step #3 – Taper the end of one of the core tails and attach to a small fid. Split and remove the fabric tape covering the core, from the tape wrap at Mark 2 to the tape holding the fid, exposing the parallel core yarns.

Insert the tip of the fid into the cover of the opposite rope end at Mark A and work it down the rope and out at Mark C.

Note: When entering or exiting the braid with the fid, always go between strands.

Note: Slack may be introduced into the cover to open it up by either milking the cover up from the knot or pulling out more core from Mark B.

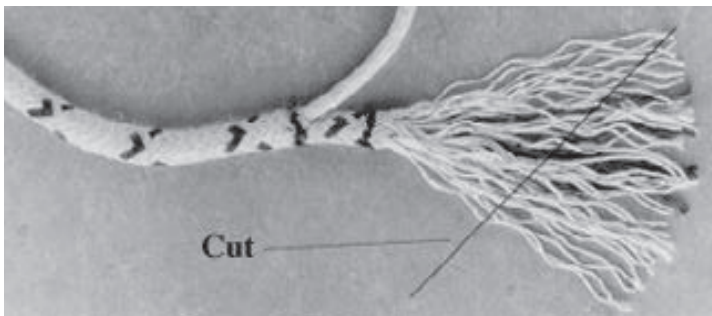
Repeat this process with the second core tail.



STA-SET X AND PCR END FOR END SPLICE

Step #4 – For each core tail, pull fid and a little more than a short fid section of core out of rope at Mark C. Remove the fid and tape from the end of the core. Measure and mark a short fid section from the end of the core. Fan out end of core and cut a 45 degree angle, from the mark to the end to create a smooth tapered core tail.

FIGURE 4



Step #5 – For each cover tail, from Mark A on cover, count 5 pics toward end of cover tail. Unbraid cover from end back to this point and cut a 45 degree angle (as described above).

Step #6 – Carefully pull core back out of cover at Mark A until Mark 2 on core (where tape was applied in Step 2) lines up with Mark A. This is the crossover point. Tightly tape the tapered end of the cover to the core starting from Mark A and working toward the end of the cover. Use masking tape and overlap each wrap of tape as little as possible. After taping, roll the taped section between your hands to smooth the taped area. Hold the rope at Mark A and smooth cover towards knot. Tapered core tail will disappear

FIGURE 5



into rope. Repeat process with other core tail.

Step #7 – Bury the exposed crossovers one at a time by alternately attaching each knot to a secure anchor point. Bury the exposed section of the splice by milking the cover back up the rope from the knot. Keep the exposed core under tension while milking the cover. If the rope gets tight when the crossover is being buried, flex and/or hammer the crossover to loosen the fiber. Continue process until each crossover is buried (up to Mark A). Seize, cross-stitch, and whip the splice.