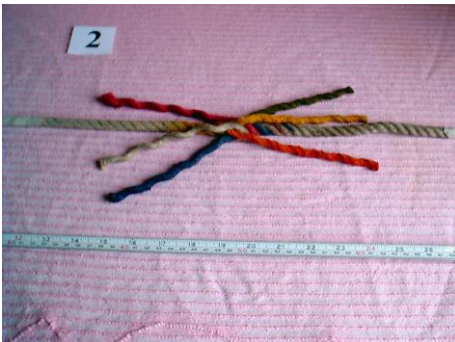


MAKING A SHORT SPLICE



1. Separate the three component strands of each rope to be spliced. The length of the splice will be the length that you unravel – not twice as long!

Throughout the procedure, keep twisting the strands so as to maintain their internal twist.



2. Push the two parts together with alternate strands from each rope. Pull them very close and tight together, otherwise the splice will be too soft and floppy in the middle.



3. Fix the loose ends of one rope so that the two parts remain tightly together. In this case we have taped the red white and blue strands. Masking tape is good for this.



4. Now we start to splice the yellow, orange and green strands into the red, white and blue rope. Take one strand, in the picture it is the yellow strand, and take it over the adjacent strand and under the next strand. A large screwdriver is good for making the opening and pushing the strand through the hole.



5. Now move round to the next strand, in this case the green strand, and repeat this first weave.



6. And again on to the third strand, the orange one, to complete the first weave. Keep twisting and pulling the strands hard and check and manipulate your work so far, to look symmetrical.



7. Repeat the procedure so that the yellow strand has been woven for a second time...



8. ...and the green and orange strands similarly.



9. Now split each strand in the ratio 1:2 and twist back together each $\frac{2}{3}$ part...



10... and cut off the $\frac{1}{3}$ part as close to the body of the rope as possible.



11. Weave each of the $\frac{2}{3}$ thick strands as before. Keep twisting and make sure you push all of the strands through the gap.



12. Now split each of the strands in half so that you are left with $\frac{1}{3}$ of the original for the next weave and $\frac{1}{3}$ to be cut off.



13. Complete the next weave for each strand...



14. ..and cut off the ends – which by now are very frayed!

In this case, we have tapered the splice by splitting each strand into three. A tolerable taper can be achieved by reducing each strand once to a half. If you adopt this, put in another full weave before splitting the strands so as to give adequate strength within the splice.



15. Release the strands that have not yet been worked on.



16. Carry out the first weave on these strands, in the picture they are shown as red, white and blue strands. Be sure to twist and pull the strands very tight.



17. Carry out the second weave for the three strands. Now part each strand into 1:3 ratio and proceed as for the other end.



18. Carry out the weave for each $\frac{2}{3}$ of the red, white and blue strands...



19. ... part the remaining strands in half, cut off one part and weave the remaining $\frac{1}{3}$ strands.



20. Cut off all loose rope and trim up the entire splice then..



21. .. roll the splice on the floor under your foot to give it a smooth compact finish.