

# Fact Sheet

## Small Repair of Jacketed Rope Cover

16.09.2010

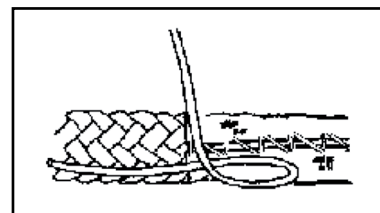
### GENERAL

When the cover is damaged we recommend inspection of the inner strength member. If the inner strength member is damaged then it may be necessary to downgrade the rope. The cause of the damage should be determined and if possible removed. Depending on the extent of the damage either a small repair or an extensive repair is recommended.

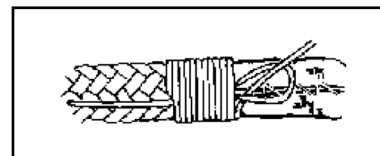
### Small Repairs

The most durable method to make small repairs on the jacket braid requires the use of nylon whipping twine and polyurethane glue.

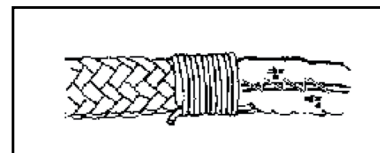
Remove all the damaged yarns and coat the free yarn ends with the glue, in order to prevent further unraveling of the cover. Start whipping at least three centimeters away from the damage, as shown in the drawing. Lay a loop of twine across the rope, leaving a free tail after the damage zone of about ten centimeters. This tail has to be grasped later, so avoid covering it completely with whipping.



With the working end of the twine, make multiple wraps around the rope from the tail end toward the apex of the loop, covering the loop until the whipping is at least three centimeters beyond the damage.



To finish the whipping, insert the working end of the small twine through the loop. Pull on the bitter end or tail of the small twine until the loop slides completely out of sight. Clip the ends close to the whipping.



If necessary, a temporary cover repair can be made using high quality adhesive tapes such as vinyl electrical tape, etc. A more permanent repair, as described above, should replace the tape as soon as possible.