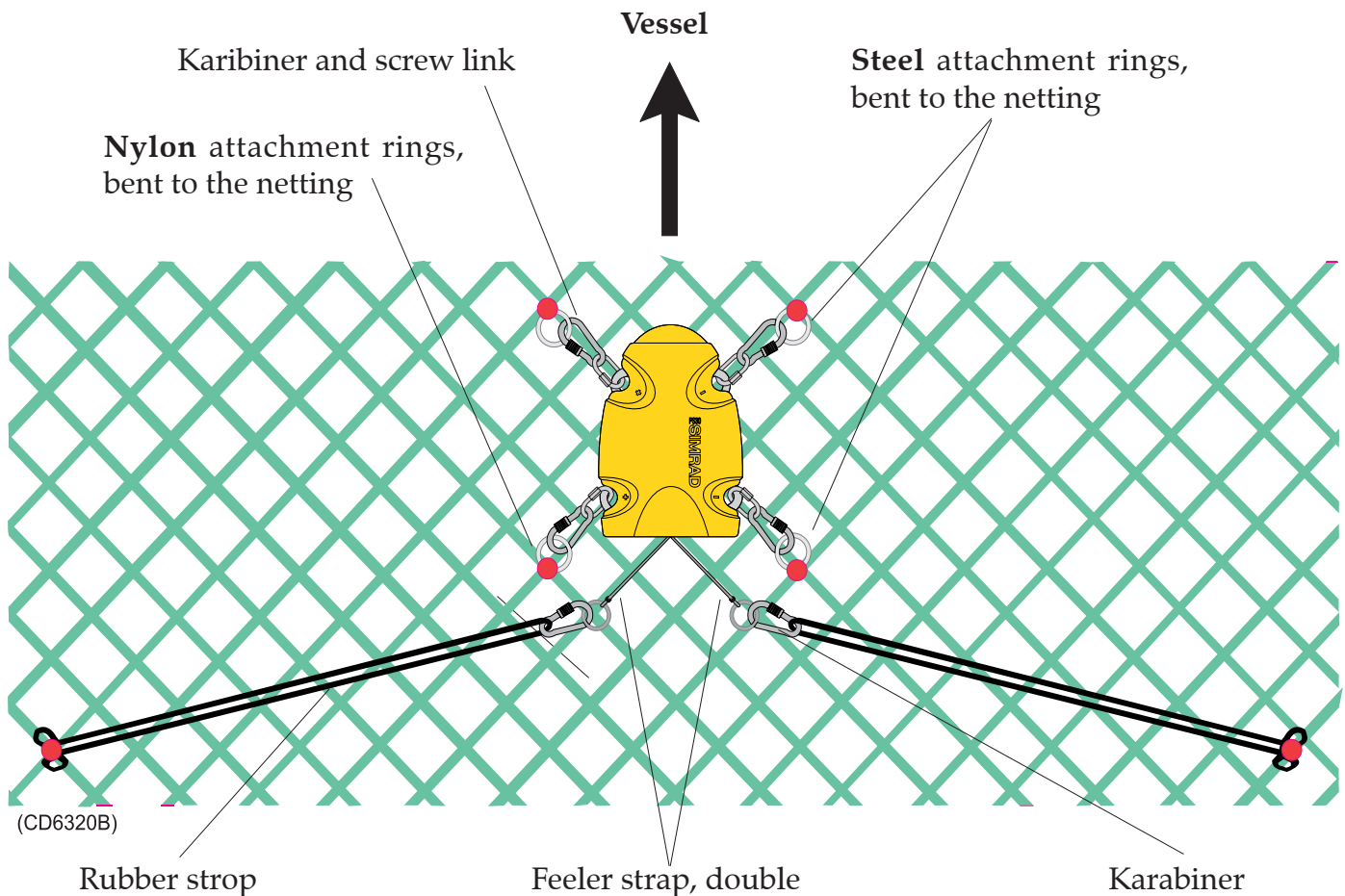


PI32 Catch sensor attachment

Sensor attachment - to a net with an approximate mesh size of 140 mm is illustrated below. The distance between the anchor points for the attachment rings and rubber strops will vary according to mesh size and sensitivity required.



Location - attach the sensor at the top of the cod-end, closest to where the catch is to be monitored. As the cod-end fills the net's mesh will become taught and activate the catch sensor.

Attachment - the catch sensor's orientation toward the mother vessel is maintained by the steel/nylon attachment rings, strops and karabiners bent to the net. The number of mesh squares the sensor is supported between must be restricted to avoid unnecessary stress on the gear when the net is filled to maximum capacity. Note that both steel attachment rings must be located on the same side of the sensor.

Sensitivity - is determined by the number of mesh squares separating the two rubber strops (a larger number increases sensitivity, a smaller reduces it). Simulate sensor activation by stretching the net's mesh to approximate the load generated by a full catch. Experiment accordingly to determine the correct attachment points and then permanently mark their locations for future reference.

Rubber strops - are subject to heavy loading/wear; they should be changed at regular intervals and checked before shooting. Strops with cracks or visible signs of damage should be changed immediately.