

## Appendix B

### SPORT POP-UP ADDENDUM



Assembly: The S.P.O.R.T. Pop-Up system is shipped with: one (1) bottom (line holding) cup, one (1) top (flotation) cup, one (1) S.P.O.R.T. acoustic release, and a package containing all necessary assembly hardware. Tools needed for assembly are a 1/8 hex key allen wrench, a flat head screwdriver, and a 9/16 socket wrench set.

-- Install top collar by inserting 316SS point set screw through the threaded hole into the notch where the pressure housing meets the transducer end cap.

The collar will fit in the same position regardless if the MF (flush 3.5" transducer cap) or LF (4.2" exposed potting cap). It is recommended the tapped hole in the collar should be offset **away** from the end cap, although reversal will not prevent proper release. The set screw should be screw all the way in, pushing the two ends of the closure rod apart and slightly penetrating the end cap surface beneath. The collar should be rigidly affixed when set screw is properly tightened.

## INSTALLING TOP MATING COLLAR



--Slide included O-Ring flexible spacer down the release and rest on mating collar.

--The release is mated to the top cup by first sliding the release down the open channel in the flotation such that the top collar lies flush with the top of the cup.

## INSERTING RELEASE INTO TOP CUP FROM TOP



--The mating to the top cup is completed by installing the ¼" thick anti-slip ring around the release and securing is with the included 316SS hose clamp. **DO NOT OVERTIGHTEN.** Over-torqueing can squeeze the housing out of round compromising the o-ring seal. The anti-slip ring functions as a catch in the unlikely case the pop-up is over turned on ascent, it holds no load during standard operation.

## INSTALLING ANTI-SLIP RING



--Fill bottom cup with desired line weight using proper line packing procedure. Coiling the line around the center tube should be avoided as it promotes binding during the rapid pay out after release. Affix one end to the nylon pad-eye protruding from the flotation; wind the other end out through the lip notch for future attachment to a secure fixture on bottom mooring. It recommended to use light duty tie wraps to secure line tightly to the outside of the cup utilizing the small holes lining down from the lip notch.

Complete assembly by sliding the 3/8 galvanized bolt through the bottom post of the pop up, through the last two links of the anchoring chain, and mating the ultem release link in the center.

This connection is secured by double nutting the bolt with a split lock washer between the two nuts.

## BOLTING RELEASE TO POP UP BOTTOM CUP

