

## **SECTION EIGHT: EMERGENCY PROCEDURES**

### **EXTREME LIGHTWEIGHT DIVING SYSTEM EMERGENCY PROCEDURES**

#### **KM HELMETS, BAND MASKS, FULL FACE MASKS**

#### **EP-2**

6-13-11

#### **EP-2: Loss of Air Supply, No Warning or Sound of Venting Air.**

Symptoms: Diver notices hard breathing and or lack of air.

Possible Causes: Supply cylinder low, Umbilical supply valve shut. Umbilical severed, pinched or disconnected.

#### **Action by the Diver:**

1. Open the EGS valve on the Helmet side block if helmet employed or at the ICS manifold if using a Full Face Mask. Notify Topside diver is on EGS.
2. Clear umbilical and prepare to abort the dive as instructed by topside.
3. Prepare to shut the EGS valve if directed by topside to verify normal supply is re-established.

#### **Action by Topside:**

1. Check HP and LP air supply pressures, and insure an HP pressure greater than 400 psig and an LP pressure of at least 300 psig. Shift to secondary Cylinder if necessary. Have diver momentarily shut the EGS valve to verify re-established air supply.
2. If HP air is reestablished have the diver check his umbilical clear, abort the dive as soon as the diver is ready to travel. If HP air does not pressurize the divers circuit after opening the secondary cylinder, open the appropriate cross connect valve, have the diver check his umbilical clear and abort the dive

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