

**Kirby Morgan®**  
Deep Sea Diving Helmets  
KM Diamond

**A2.5**  
Supervisors In-Water Checklist

**NOTE:** This checklist is intended to be used with Kirby Morgan Diamond . The diving supervisor or person appointed by the diving supervisor should use this checklist as a minimum prior to deploying divers.

**⚠ WARNING**

**These are recommended minimum checks when using Kirby Morgan Helmets or Band Masks®. Additional checks may be required as dictated by the conditions and tasks being performed. Failure to perform in-water checks may result in serious injury or death. See Modular Operations and Maintenance Manual for air supply requirements.**

**⚠ CAUTION**

**Diving with Kirby Morgan Helmets must include a fully functional, properly maintained Emergency Gas System (“EGS”). The EGS should be maintained in accordance with the Modular Operations and Maintenance Manual(s).**

**⚠ WARNING**

**If diving is conducted with less than the minimum recommended supply pressure, the diver must tailor the work to prevent over breathing the system, resulting in exhaustion.**

Date: \_\_\_\_\_

Helmet Serial Number \_\_\_\_\_ Diamond Main Tube # \_\_\_\_\_

Diamond POD Serial # \_\_\_\_\_ Diamond Exhaust Serial # \_\_\_\_\_

Associated Equipment Serial #(s): \_\_\_\_\_

Technician (*print name*): \_\_\_\_\_

### 1. Check Breathing

DIVER - CHECK THE FOLLOWING:

Procedures	Initials
1) <b>DIVER:</b> Ensure Helmet is breathing properly. Set the Demand Regulator Adjustment Knob for minimum inhalation effort. Report: Breathing OK	

### 2. Check Helmet/Equipment For Leaks

DIVER - CHECK THE FOLLOWING:

Procedures	Initials
1) <b>DIVER:</b> Ensure Helmet is watertight.  <b>NOTE:</b> If the diver is wearing a dry suit, diver reports that a proper seal has been made after checking for water leakage, gas inflation and exhaust working properly.	

### 3. Maintain Gas Supply Over-Bottom Pressure

**NOTE:** If the recommended above over-bottom pressure cannot be supplied, the diver will have to tailor his workload to avoid exhaustion.

**NOTE:** All KMDSI Demand Regulator models and Side Block Assemblies have a maximum design pressure of 250 psig (17 bar) over-bottom.

CONSOLE OPERATOR/SUPERVISOR - CHECK THE FOLLOWING:

Procedures	Initials
<b>CONSOLE OPERATOR:</b> Maintain minimum over-bottom gas supply pressure for depth, in accordance with the Modular O & M Manual for the type of demand regulator in use and supply system.	
<b>SUPERVISOR:</b> Confirm exhaust gas is venting to the surface with no water exiting exhaust hose.	

