

**KMB 18/28 (BANDMASK)**  
**SUPERVISORS EQUIPMENT CHECKS**  
**PRIOR TO ENTRY INTO WATER**  
**APPENDIX A2.4**  
08-01-17

**NOTE:** Helmet(s) being used in extreme environments will require more frequent inspection.

**CAUTION:** KMDSI strongly recommends the use of a Tender to assist the diver when “dressing-in”. The Tender should ensure the Helmet Liner is fastened to the Helmet Shell and the Chinstrap is properly fastened under the divers chin, once the Helmet is donned. Prior to closing the Yoke/Neck Clamp Assembly, ensure that the Clamp is installed.

**WARNING:** These are recommended minimum checks when using Kirby Morgan Helmets or 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. The diving supervisor or person appointed by the diving supervisor should use this checklist as a minimum prior to deploying divers.

**CAUTION:** All surface supplied 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.

Date:
Helmet Serial #:
Associated Equipment Serial #(s):
Supervisor / Technician (print name):

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STEP	PROCEDURE	INITIALS
1. Check Breathing System	<b>SUPERVISOR: Ensure gas to the diver</b>	
	<b>Diver: Check the following (a-e):</b>	
	a. Open and close Defogger/Steady Flow Valve to ensure proper operation.	
	b. Check breathing resistance, adjust Demand Regulator Adjustment Knob for minimum inhalation effort.	
	c. Press Purge Button to check gas purge function.	
	d. Ensure Nose Block Device slides freely. e. Ensure Emergency Valve opens and closes properly, then verify <b>Emergency Valve is shut</b> and the <b>Bail Out Cylinder Valve is open.</b>	
2. Check Communications	<b>Diver:</b> Perform communications check.	
3. Check Hot Water Supply (if applicable).	<b>Tender:</b> Check the hot water supply connections. Ensure topside supply has been switched to the diver and verify flow to hot water shroud and suit (if used).	
4. Check the Dry Suit Inflation Hose (if applicable)	<b>Tender:</b> Check the dry suit Inflation Hose Connection. Ensure the dry suit Inflation Valve and Exhaust Valve function properly.	
5. Check Entire Rig.	<b>Tender:</b> Soap and leak check the Mask gas fittings and connections, including the EGS.	
6. Check the Diver's Entire Rig	<b>Supervisor/Tender - Check adjustment of entire rig, including the following (a-e):</b>	
NOTE: All	a. Diver's Safety Harness	

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equipment must be adjusted properly and functioning correctly.	b. Umbilical Strain Release	
	c. EGS Hose Quick Disconnect	
	d. Boots or fins, gloves, knife, and other accessories	
	e. Helmet supply pressure, minimum 115-psig.	
<b>7. Check Breathing</b>	<b>Diver:</b> Check to ensure Mask is breathing easily.  <b>NOTE:</b> The Mask must be breathing easily and properly.	

Supervisor / Technician: Print \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

KMDSI **highly** recommends that a certified KMDSI Repair Technician make all repairs and that only genuine KMDSI repair and replacement parts be used. Owners of KMDSI products that elect to do their own repairs and inspections should only do so if they possess the knowledge and experience. All inspections, maintenance, and repairs should be completed using the appropriate KMDSI Modular Operations and Maintenance Manual(s). Persons performing repairs should retain all replacement component receipts for additional proof of maintenance history. Should any questions on procedures, components, or repairs arise, please contact Kirby Morgan Dive Systems, Inc., by telephone at (805) 928-7772 or via e-mail at [kmdsi@kirbymorgan.com](mailto:kmdsi@kirbymorgan.com), or contact Dive Lab, Inc., by telephone at (850) 235-2715 or via e-mail at [divelab@divelab.com](mailto:divelab@divelab.com).

**NOTE:** Use your Maintenance and repair log book P/N 125-001, to record all the maintenance performed.

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