

Draft Not Intended for Publication (03/20/04)

**G2000SS COMMERCIAL DIVING HELMET
PRE-DIVING EQUIPMENT CHECKLIST
BY SUPERVISOR**

Note: This checklist is to be used with the G2000SS diving helmet.

Note: G2000SS strongly recommends assistance to diver by Supervisor or Tender when preparing for diving. The Supervisor or Tender should confirm the helmet liner is secured on the helmet shell. Before closing the Neck Retainer, ensure that the Neck Dam is installed. When the Neck Retainer is properly secured in Locking Pins, the Chin Strap should be properly fastened.

Note: G2000SS recommends that a certified G2000SS repair technician make all necessary repairs. If G2000SS owners choose to make their own repairs, it is strongly urged that the repairs are completed in accordance with the Helmet Manual. If any questions arise, the owners are urged to contact G2000SS for further guidance.

WARNING: G2000SS strongly recommends completion of this checklist and meeting the minimum requirements provided before using the G2000SS Helmet. However, these requirements are minimum requirements and are not conclusive, as further steps may be necessary depending on the type of activity performed. **FAILURE TO COMPLY WITH THIS CHECKLIST MAY RESULT IN SERIOUS INJURY OR EVEN DEATH.**

CAUTION: While using the G2000SS Helmet in commercial diving, the diver must also adopt the use of an Emergency Gas System (“EGS”) which has been correctly maintained and is properly functioning. All surface supplied diving with the G2000SS Helmets must include a fully functional and properly maintained EGS.

Date:	Helmet Serial Number:
Technician:	Print Name:

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CHECKLIST

ACTION	PROCEDURE	INITIALS
1. SUPPLY GAS (must be completed by supervisor)	(a) Supervisor must ensure the diver has gas.	_____
2. BRETHING SYSTEM FUNCTIONING (must be completed by diver)	(a) Ensure proper functioning of Free Flow Valve by opening and closing the valve. (b) Check breathing resistance. (c) Ensure gas purge function by pressing in the Purge Button. (d) Ensure the Bail Out Cylinder Valve is closed.	_____ _____ _____ _____
3. CHECK COMMUNICATIONS (must be completed by diver and radio operator)	(a) Ensure the speakers and microphone and the communication posts are properly functioning.	_____
4. CHECK DRY SUIT INFLATION HOSE (if applicable) (must be completed by tender)	(a) Ensure dry suit Inflation Valve and Exhaust Valve properly function by inspecting dry suit Inflation Hose Connection.	_____
5. CHECK HELMET IN ITS ENTIRETY (must be checked by supervisor)	(a) Check the Helmet gas fittings and connections for leaks. Check EGS for leaks. (b) Check adjustment or fit of entire helmet, including the diver's Safety Harness, Umbilical strain release, EGS Hose Quick Disconnect, boots, gloves, knife and accessories.	_____

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	(c) Ensure the Helmet supply pressure is at minimum 130 psig.	_____
6. CHECK BREATHING (must be completed by diver)	(a) Ensure the helmet is breathing easily and without complications. Diver report: Breathing OK.	_____
7. CHECK DIVER'S ENTIRE RIG (must be completed by supervisor) Warning: Both Pull Pins must fit into place correctly or the Helmet could flood. Drowning may result.	(a) Check adjustment and fit of the entire rig, and ensure the Pull Pins are fully engaged on the base of the Helmet Ring into the Locking Pins. (b) Check adjustment and fit of the Diver's safety Harness, Umbilical strain release, EGS Hose Quick Disconnect, boots, gloves, and other accessories. (c) Ensure Helmet supply pressure is at minimum 130 psig.	_____ _____ _____
8. CHECK BREATHING (must be completed by diver)	(a) Check to ensure the helmet is breathing properly with no complications. Note: Ensure all equipment is properly adjusted and is properly functioning.	_____

To Technician: Note comments on the space provided below. Be sure to log maintenance in the applicable maintenance log.

Technician Signature: _____

Date: _____

Comments: _____

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