

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

**G2000SS COMMERCIAL DIVING HELMET
UNDERWATER CHECKLIST FOR SUPERVISOR**

Note: This checklist is to be used with the G2000SS Diving Helmet. This checklist should be completed each time the G2000SS Helmet is in use underwater.

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.

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.

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

WARNING: When diver uses less than the minimum recommended supply pressure, the work must be adapted to prevent over-breathing the system, which will result in exhaustion.

Date:	Helmet Serial Number:
Technician:	Print Name:

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CHECKLIST

PROCEDURES	INITIALS
1. The diver must ensure the Helmet is breathing properly, and must Report that breathing is satisfactory.	_____
2. The diver must ensure the Helmet is watertight and if the diver is wearing a dry suit, the diver must ensure no leakage occurs. Diver must report that a proper seal has been made.	_____
<p>3. The Console Operator must maintain a minimum over-bottom gas supply pressure for depth (fsw x 0.445) + required over-bottom for depth.</p> <p>Required over-bottom for depth:</p> <ul style="list-style-type: none"> <input type="checkbox"/> 0 – 60 fsw (0 - 18.3 msw), 90 psig (6.2 bar) <input type="checkbox"/> 61 – 100 fsw (18.6 – 30.5 msw) 115 psig (7.9 bar) <input type="checkbox"/> 101 – 132 fsw (30.8 – 40.2 msw) 135 psig (9.3 bar) <input type="checkbox"/> 133 – 165 fsw (40.6 – 50.3 msw) 165 psig (11.4 bar) <input type="checkbox"/> 166 – 220 fsw (50.5 – 67.1 msw) 200 psig (13.8 bar) <p>Note: The pressures and depths listed above are not currently in the Helmet Manual.</p> <p>Note: If the above over-bottom pressure cannot be supplied, the diver will have to adapt his workload to avoid exhaustion.</p> <p>Note: The Demand Regulator and Back Manifold have a maximum design pressure of 225 psig (15.5 bar) over-bottom.</p>	_____

Technician Signature: _____ Date: _____

Comments: _____

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