

**G2000SS DIVING HELMET**

**MONTHLY INSPECTION AND MAINTENANCE CHECKLIST**

Inspection and Maintenance procedures in accordance with this checklist are to be conducted at least once a month for helmets used frequently, and once every two months for helmets used less than ten times (i.e. ten dives) in any given month.

This checklist is to be used in conjunction with the helmet Technical Manual for guidance in conducting each step in the inspection and maintenance of the G2000SS.

**IMPORTANT NOTES:**

1. The procedures in this checklist are to be performed only by personnel who have received appropriate training.
2. If you do not completely understand all of the procedures outlined in this checklist, contact Aqua Lung/Gorski to speak directly with a Technical Advisor before proceeding any further.
3. If the Helmet is used in contaminated water, monthly inspection and maintenance is required.
4. After completing this checklist, it should be kept in the helmet maintenance log/file.

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

**COMPLETE THE FOLLOWING BOXES WHEN THE CHECKLIST IS COMPLETED**

<b>Helmet Serial No.:</b>	<b>Date:</b>
<b>Technician:</b> (print name)	<b>Signature:</b>

**Comments:** \_\_\_\_\_  
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**MONTHLY INSPECTION AND MAINTENANCE CHECKLIST**

**INSTRUCTIONS**

- 1. All parts are to be visually inspected for damage or deterioration.**
- 2. Any damaged or defective parts must be replaced.**
- 3. Between annual overhauls certain consumable parts (e.g. O-rings) may be re-used if no damage or deterioration is revealed by the inspection process.**

<b>STEPS</b>	<b>PROCEDURE</b>	<b>INITIALS</b>
<b>NECK DAM</b>	<ol style="list-style-type: none"> <li>1. Visually inspect the Neck Dam Ring for signs of damage, such as bends, scratches on the O-ring surface area, or any other deformities.</li> <li>2. Visually inspect the Neck Seal for cuts and/or deterioration. A damaged Neck Seal must be replaced.</li> <li>3. If the Quad Ring is dry, lightly lubricate the Quad Ring.</li> <li>4. Replace the Neck Dam Assembly onto the Helmet and ensure a proper fit.</li> </ol> <p><b>Note:</b> Refer to the Technical Manual, Neck Dam Assembly section, for guidance.</p>	<hr/> <hr/> <hr/> <hr/>
<b>NECK RETAINER AND LOCKING SYSTEM</b>	<ol style="list-style-type: none"> <li>1. Visually inspect the Neck Retainer for damage, bends or wear.</li> <li>2. Confirm correct operation of Locking System.</li> </ol> <p><b>Note:</b> Refer to the Technical Manual, Neck Retainer and Locking System section, for guidance.</p>	<hr/> <hr/>

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<b>HEAD LINER</b>	<p>Visually inspect for deterioration and/or damage. If necessary, replace with new Head Liner.</p> <p><b>Note:</b> Refer to the Technical Manual, Head Liner section, for guidance.</p>	<hr/> <hr/>
<b>COMMUNICATIONS</b>	<p>1. <u>Without removing the comms system</u>, check condition of speakers and microphone by visual inspection. If inspection reveals poor quality of sound, replace with new speakers and microphone.</p> <p>2. <u>Without removing them</u>, check communication posts for insulator cracks or damage. If necessary, replace with new posts.</p> <p><b>Note:</b> Refer to the Technical Manual, Communications section, for guidance.</p>	<hr/> <hr/> <hr/>
<b>NOSE CLEARING DEVICE (NCD)</b>	<p>1. Check NCD for ease of movement and then remove NCD and check for damage to the NCD body and components.</p> <p>2. Visually inspect O-rings and Neoprene Pad for damage and/or deterioration, and if necessary, replace. Lubricate O-rings lightly as required.</p> <p><b>Note:</b> Refer to the Technical Manual, Nose Clearing Device section, for guidance</p>	<hr/> <hr/>
<b>ORAL-NASAL MASK</b>	<p>Remove Oral-Nasal Mask and check for damage (e.g. splits, cuts, tears) and/or deterioration. No damage is permitted.</p> <p><b>Note:</b> If no damage or deterioration found, wash oral nasal with soap and water, rinse with fresh water, and allow to dry</p> <p><b>Note:</b> Refer to the Technical Manual, Oral-Nasal Mask section, for guidance.</p>	<hr/> <hr/>

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<p><b>HELMET SHELL AND COMPONENTS</b></p>	<ol style="list-style-type: none"> <li>1. Visually inspect the helmet fully with the above listed components removed from the helmet.</li> <li>2. Verify condition and inspect for damage to the helmet shell.</li> <li>3. Check all O-ring placement surfaces to ensure proper seal.</li> <li>4. Wash the shell with soap and water, rinse with fresh water, and dry with air and towels. Blow water out of inner tubing using compressed air.</li> </ol>	<hr/> <hr/> <hr/> <hr/> <hr/>
<p><b>FINAL ASSEMBLY AND TEST</b></p>	<ol style="list-style-type: none"> <li>1. Follow the Technical Manual to assemble helmet to original condition.</li> <li>2. Pressurize the helmet and perform a functional test and leak check.</li> </ol>	<hr/> <hr/> <hr/>

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