
GORSKI DIVING HELMET - BRIEFING NOTES

INTRODUCTION

The Gorski G2000SS diving helmet is manufactured by the Aqua Lung Group. The helmet was designed by Les Gorski, a highly respected and experienced working diver, for use by fellow commercial divers. It has the distinction of being the first production stainless steel diving helmet and, when it entered service in late 2004, it changed the commercial diving industry.

Today the “Gorski Hat” still sets the standard for a new generation of modern diving helmets not only in terms of materials and construction but also for unique design features and simplified support.

With over 300 helmets in use world-wide, the “Gorski Hat” is comprehensively field-proven and has an excellent quality and safety record.

FREQUENTLY ASKED QUESTIONS AND ANSWERS

NAME

Question: What does G2000SS stand for?

Answers:

- G = Gorski / 2000 = Year of first prototype helmet / SS = Stainless Steel
- We are proud of the fact that the inventor of the G2000SS helmet, Mr Les Gorski, is now a member of the Aqua Lung America Military & Professional product team, with special responsibility for Commercial Diving.

MATERIALS AND CONSTRUCTION

Question: What are the benefits of a stainless steel helmet?

Answers:

- Stainless steel is extremely durable, damage-resistant, and ideally suited for the working diver.
- No threaded inserts are required for securing the visor and faceplate to the helmet shell.
- Stainless steel requires little or no routine maintenance.
- No refinishing is required if the surface is scratched or gouged.
- The external handle is built in.
- The helmet base ring is an integral part of the helmet.
- No additional helmet weights are required.

Question: Does the stainless steel construction of the Gorski Hat provide any specific advantages?

Answers:

- The helmet is truly all stainless steel construction: cast stainless steel is used for the helmet shell, neck ring, and neck retainer, thus giving immense strength to all major components.
- There are no dissimilar metals in contact with the water when diving. The all stainless steel construction resists corrosion and electrolysis - a huge advantage when cutting/burning and welding underwater.

DESIGN FEATURES

Question: What are the unique design features of the Gorski diving helmet?

Answers:

- The helmet has ideal in-water balance when worn due to the lack of an external side block or side weights.
- Critical breathing loop components are protected inside the stainless steel helmet shell.
- The face plate retention system is reinforced (the retaining screws pass through the notched face plate).
- The latest dual-action locking system for the neck ring enhances safety, operability, and maintainability.
- The quad ring neck seal is highly effective and ensures a dry internal environment.
- The helmet provides an excellent field of view.
- The breathing regulator is shielded from front impact.
- The breathing regulator exhaust is side-mounted: this directs exhaled bubbles away from the face port.
- The free-flow exhaust valve is spring-loaded to prevent impact damage.
- The manifold is fitted with an internal screen to filter out debris in the breathing supply.
- The helmet liner (2 sizes available) may be machine-washed and tumble-dried.
- The helmet may be converted in the field, and within minutes, to free flow mode.

EQUIPMENT CONFIGURATION

Question: What are the recommended operating configurations of the Gorski diving helmet?

Answers:

- The standard configuration uses a bailout cylinder orientated valve-down: this enables straightforward use of the Emergency Gas System (EGS or bailout). During pre-dive checks the bailout first stage regulator and hose are pressurized then the cylinder valve is closed.
- If a side block-operated bailout supply is required a gas switch block may be mounted on the diver's harness.
- Bailout first stage regulators, Pressure Relief Valve (PRV), Submersible Pressure Gauge (SPG), and hoses are available from Aqua Lung distributors/authorized Gorski service centers in the US and overseas.

Question: What communications system does the Gorski diving helmet use?

Answers:

- The helmet is fitted with high quality OTS communications (2-wire) as standard.
- The helmet is 4-wire comms ready (i.e. fitted to allow user conversion with a simple modification kit).

Question: Can the Gorski diving helmet be fitted to dry suits for contaminated water diving (CWD)?

Answers:

- Yes, all manufacturers of dry suits for diving in contaminated water offer yokes for the Gorski helmet.
- The stainless steel neck ring interfaces with all CWD suits including the White's HazMat suit.
- Existing dry suits can be modified - at modest cost - by any approved dry suit dealer/repair center.

Question: What accessories are available for the Gorski diving helmet?

Answers:

- A full range is available:
 - Welding Shield Assembly
 - Double Exhaust Kit
 - Light/Camera Mounting Brackets
 - Free Flow Conversion Kit
 - 4-Wire Comms Kits (Marsh Marine or Hi-Use cable connectors)

SUPPORT

Question: What are the technical support advantages of the Gorski diving helmet?

Answers:

- The Gorski helmet has approx half the number of components of other equivalent products.
- The small number of components simplifies support and reduces the number of spare parts required.
- The helmet is straightforward and inexpensive to overhaul.
- The helmet overhaul kit contains all soft goods for annual overhaul.
- Overhaul time is significantly reduced compared to other equivalent products.
- A comprehensive Technical Manual, Exploded Parts Views, and Check Lists are all available on-line.
- Aqua Lung offers a technician training program (certificate valid for 5 years).
- All helmet upgrades and modifications may be retrofitted to existing helmets.

Question: What technical support network is in place for the Gorski diving helmet?

Answers:

- There is a growing network of distributors/authorized Gorski service centers across the US.
- The Gorski Hat is supported overseas through the Aqua Lung global network of companies and agents.
- All authorized Gorski service centers provide full helmet support, including regulator service.
- Full details of distributors and service centers are available on our website: www.gorskihat.com

PRODUCT DEVELOPMENT

Question: What are the most recent upgrades and improvements to the Gorski diving helmet?

Answers:

- A new Dual-Action Locking System and modified Neck Retainer were introduced in 2011 and are available for retro-fit to all existing helmets.
- Starting in 2011, all new production helmets are 4-wire comms ready (i.e. fitted with bulkhead connector).
- 4-Wire Comms Kits are available for simple user conversion.

Question: Are any further developments or upgrades planned for the Gorski diving helmet?

Answers:

- The Gorski helmet is a key component in the Aqua Lung range of Commercial Diving (ComDive) products.
- Aqua Lung has an active product development program and a policy of continuous product improvement.
- Further development of the Gorski Hat is planned in order to keep pace with diving industry requirements.

For further information please visit
www.gorskihat.com