



Manned Submersibles

Never out of our depth

A challenge to your business

Safety and reliability are the crucial factor in manufacturing and operating manned submersibles. Having them classified or certified by a reputable and highly experienced classification society not only provides your customers with proof of their functional safety but is also good for the reputation of your company. Can you afford to be without this seal of approved safety?



GL experts not only perform the necessary calculations, but also dive to test the reliability of your submersibles

The solution you need

Germanischer Lloyd (GL) can point to a wealth of expertise and experience in underwater technology. For more than 30 years, we have been approving, classifying and certifying submarines, submersibles, remotely-operated vehicles (ROVs), autonomous underwater vehicles (AUVs), underwater working machines, diving systems, diving simulators, diver pressure chambers, hyperbaric treatment chambers, high-altitude chambers and the like.

We classify and certify manned submersibles by our own GL Rules and to globally accepted technical standards. The submersibles in question include a wide range of research, tourist, work class and deep-diving vehicles to depths of 6,000 msw or more. In addition, we also provide services for naval submarines, submarine rescue systems and custom-designed submersibles for special assignments or luxury yachts.



South African Navy submarine

GL – your best partner

Why choose GL? We are not only one of the world's leading IACS classification societies for underwater and diving technology but can also point to many years of experience and expertise in this field. Moreover, we ensure our know-how remains the state of the art through cooperation with universities, research and development institutes, engineering offices, manufacturing companies and operators all over the world. Last but not least, around 6,700 skilled staff promise you friendly service and competent support in 80 countries of the world. Whenever you need us, we'll be there to help.

Benefits that make all the difference

- Best safety-related service through GL's comprehensive experience in underwater technology and specialist know-how in state-of-the-art manned submersibles
- Flexible, customer-oriented approach to help you find safe and reliable solutions
- Advice in the development of new market approaches and the design and production process for new and more advanced products
- Unrestricted access to the practical experience of our underwater technology experts



Control check of mechanical and electrical devices of MIR-1 before launch



U-Boat Worx CQ3.1 Submersible, max. diving depth up to 100 msw

One-stop shopping at GL

GL offers you a comprehensive portfolio of underwater technology services from a single source. As a result, you can not only have your manned submersible classified or certified by GL but also benefit from similar services for **pressure vessels**, **pressure chambers** and **supporting systems aboard ships** and **offshore platforms**, or for **underwater technology** and **industrial applications**, and **personal protective equipment for underwater use** – to mention just a few. Our wide portfolio also includes a variety of **welding technology services** and **certification to ISO 9001 or 14001** as well as **design assessment** and **technical consultancy**.

Please take an information tour on our homepage www.gl-group.com/supplyindustry for more one-stop shopping opportunities.