

# Liquid Thermal Garment

## Advanced base layer clothing system

The Liquid Thermal Garment (LTG) represents a significant improvement in providing thermal and cooling comfort for individuals working in extremely challenging environments. The LTG is easily integrated into existing dive systems and assists in regulating the user's core temperature, enabling greater endurance in temperature extremes. The garment has the potential to increase dive duration and improve diver comfort during cold-water diving operations.

### FEATURES

Available in full body suit or as a two piece garment

Optional socks, gloves, and hood

Does not impede user's range of motion



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Oceaneering's LTG is an advanced base layer clothing system

with micro-tubing embedded in the garment. Fresh water flowing through the tubing can either heat or cool the user, enabling effective and safe operations in extreme temperature environments. Oceaneering developed the LTG after more than 20 years developing similar garments for HazMat, firefighting, medical, aerospace, and diving applications.

LTG Components	<ul style="list-style-type: none"> <li>» Full, ergonomically-designed, base-layer bodysuit</li> <li>» Separable or integrated hood, gloves, and socks</li> <li>» Can be integrated with heating hardware and dive suit pass through</li> </ul>
Applications	<ul style="list-style-type: none"> <li>» Keeps diver warm while performing technical tasks in cold water for extended periods of time</li> <li>» Can remove metabolic heat to prevent overheating in warm-to-hot environments</li> <li>» Regulates diver's core temperature, effectively increasing endurance and comfort in extreme temperatures</li> </ul>
LTG Optional Heater Specifications	<ul style="list-style-type: none"> <li>» Provides up to 350W heating</li> <li>» Circulates LTG fluid at 2 +/- .5 L/min flow rate</li> <li>» 3 selectable temperatures or single preset</li> <li>» Includes over-temperature protection to prevent scalding of the LTG wearer (105 +/- 3°F limit)</li> <li>» Powered by 12-28 VDC umbilical-based source (variable based on user needs)</li> <li>» Upgradeable to battery source for short duration untethered operations</li> </ul>



■ For more information visit us at [oceaneering.com/OSS](https://oceaneering.com/OSS)

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