



January 13, 2014

TO: All Switlik Dealers and Service Centers

RE: **New** U-Zip-it Thermal Performance Layering System

Switlik is pleased to announce the addition of Armadillo Merino wool thermal undergarments separates (tops, bottoms and underwear) to our growing U-Zip-It™ dry suit line. These highly technical undergarments form the base layer of Switlik's new **Thermal Performance Layering System (TPLS)** and were specifically designed to maximize comfort and durability for active professional users. As the foundation of TPLS, the undergarments are intended to be worn in layers in conjunction with the Switlik U-Zip-It™ dry suit and zip-in liner to build one's thermal protection known as Immersed Clo.

The advantage which Armadillo Merino wool undergarments provide as part of Switlik's Thermal Performance Layering System (TPLS) is like nothing else on the market today. Armadillo Merino is an all-natural wool fabric which is incredibly soft to the touch. It is also naturally flame resistant, moisture-wicking and antimicrobial (***meaning it does not absorb perspiration or retain odors no matter how much you sweat or how many days the garment is worn***). In addition, the next to skin undergarments were specially designed to feel like silk against one's skin, making Switlik's TPLS the most comfortable dry suit thermal protection system available anywhere.

Switlik's ability to offer a variety of TPLS undergarment options not only provides three possible layers of thermal protection but also allows users to mix and match/add or remove undergarments from any layer based on personal preference. The Switlik TPLS is currently comprised of the following selection of undergarments:

## **It's as easy as 1 – 2 – 3**

### **#1 Base Layer**

Selection includes Armadillo Merino short sleeve Elite shirt, boxer briefs and 3 Season Boot Socks.



### #2 Mid-Layer

Selection includes Armadillo Merino long sleeve Elite mock-turtleneck, long john custom heavy-weight pant and long sleeve custom heavy-weight shirt.



### #3 Top Layer

Switlik Armadillo Merino wool two piece "Summer-Weight" zip-in thermal liner.



When the U-Zip-it™ dry suit is worn with one of the many possible TPLS configurations, the result is a tested Immersed Clo. value of 0.577 which translates into an estimated survival time in excess of 6 hours when submersed in 45°F (0°C) water. For those users operating in the most extreme environments, Switlik is currently designing an Armadillo Merino "Winter-Weight" zip-in liner option, meaning you will soon be able to achieve even greater Immersed Clo. values with the Switlik TPLS (more to be announced soon).