



## **EOM Offshore LLC Becomes Exclusive Licensee of WHOI Patent for High Throughput Stretch Hose**

The deep-water wind industry is taking off in the U.S., along with the new designs for floating wind platforms. EOM Offshore LLC is poised to integrate its stretch hose technology with these floating, deep-water platforms. On January 23, 2018, Woods Hole Oceanographic Institution (WHOI) received a patent for a high throughput (capacity of up to approximately 1 megawatt of electricity) stretch hose. EOM Offshore is the exclusive licensee for this patent.

EOM Offshore's current stretch hose technology is built to stretch 2.5 times its original length under repetitive loads while continuously transmitting power and data. The stretch hose technology is robust and mature and holds great potential for supporting deep-water platforms by connecting the floating platform to the seafloor cables in a highly energetic wave and current environment. The compliancy of the stretch hose will absorb the heave and sway of the platform generated from the wave, wind, and current energy.

Currently, platforms are moored using catenary mooring systems; EOM Offshore's solution-reduces the watch circle associated with the mooring (reducing congestion beneath the rig), increases the time between failures associated with this critical link in the power chain, and overall increases reliability of the power delivery system.