

Holdback Tethers

Fast, reliable, proven solutions. SWOS assists customers in solving the most critical offshore problems using unique synthetic rope technologies.

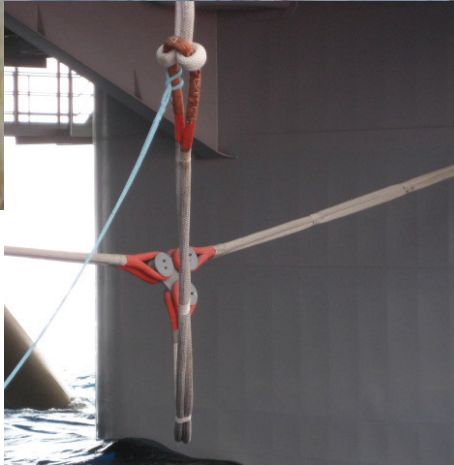
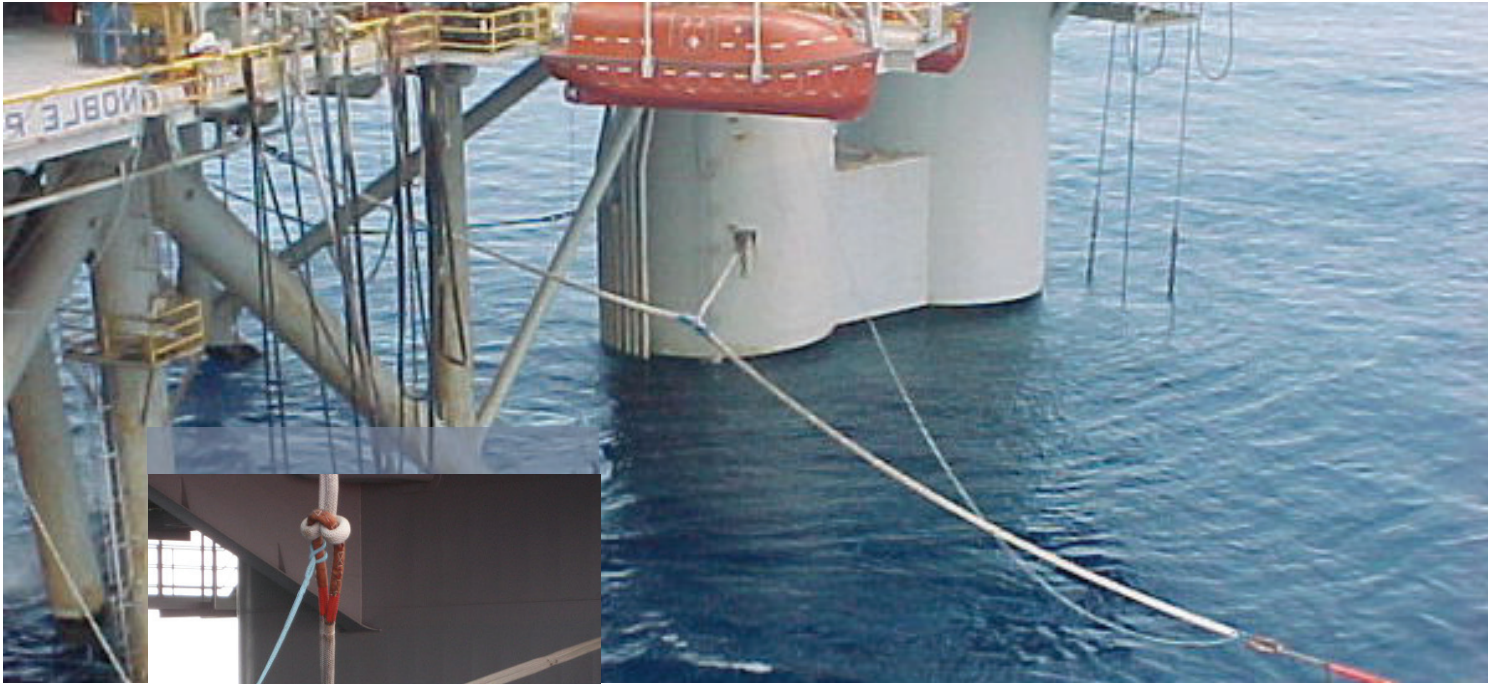
From virtually no creep and extremely tight finished length tolerances at specific loads, to the only ropes on the market that are MMS approved for mooring at or below the mud line, SWOS can provide an off the shelf package or a fully customized one off rope solution.

Our ability to provide technical data to your team for compatibility analysis is unrivaled, and is backed by our commitment to support your project from FEED to Field through industry leading teams in Technical Sales, Project Management and Field Support.

With installation efficiency and ease of handling being paramount considerations for the design phase in offshore installations, high performance synthetics are being considered and implemented more and more for hold back applications. Synthetic ropes offer the same holding capabilities as wire rope and chain, but at 1/7th the above the water weight, and neutrally buoyant below the water line. This weight reduction makes the greatest subsea challenges easy to handle.

SWOS offers solutions that cater to the technical challenges your hold back system may present whether it be a permanent system designed for a 25-year deployment or a temporary system to provide hold back for a few days, months or years. Product selection for this application is most heavily influenced by stiffness and creep requirements, and these characteristics are manipulated through our ability to offer custom fiber types and rope constructions.

Our products are naturally abrasion and cut resistant, and if the application requires, they can be further protected through the implementation of chafe protection. Protective offerings vary widely and can be tightly woven jackets that are braided onto the strength member during manufacturing, or one of the many grades of hand installed, custom coated sleeves that are applied post production. In addition to providing additional abrasion and cut resistance, these items can be implemented in conjunction with filter barriers to prevent sediment ingress when operating on or near the sea floor.



SWOS has supplied SVMS for Semi-submersibles, Jack-ups, Production Platforms, SPARs, and TLP's worldwide.

Our systems have provided efficiency, reliability and economy for:

Supply Vessel station keeping while loading or offloading

Decreased incidents of damage to the platform structure or vessel

Decreased safety hazard to platform and vessel personnel

Marked cost savings in vessel tie-up lines to the rigs, lowering annual operating costs

Supply Vessel Mooring Systems

Since 1985, the SWOS team has designed and supplied Supply Vessel Mooring Systems (SVMS) for offshore platforms around the globe.

Initially SWOS was responsible for the fabrication of all of Samson's patented systems; eventually we initiated our own Wishbone SVMS, which allows for a more elastic system, offering better load distribution on the platform, fewer padeyes and much lower maintenance cost.

SWOS has designed and supplied several one-off mooring systems for applications such as barge moorings as well as wave and wind energy structures.