

A photograph of a blue water surface with gentle waves, serving as a background for the top half of the page.

PRESS RELEASE

**Subsea 7, OTC 2014 – solutions from seabed-to-surface
Visit us at booth 1865 in the Reliant Center**

Animating riser solutions from Subsea 7

Subsea 7 will bring its unique suite of riser concepts and related subsea infrastructure to life at OTC Houston 2014 – and offer the industry a glimpse into the future of these novel technological solutions.

The company's solutions for a wide range of specific field characteristics – water depth, environmental conditions, host specification, hydrocarbon composition and client preferences – will be displayed in a series of high resolution digital animations on booth 1865 in the Reliant Center.

Speaking about the Subsea 7 riser display at this year's OTC, VP Technology and Asset Development, Dr Stuart Smith, said the growing demand for increased corrosion resistance, high-pressure capacity requirements and fatigue life is driving the adoption of new materials in risers: "High-strength steels and composite materials such as carbon fibre are now being considered as realistic future technological alternatives to conventional carbon steel. We are actively engaged in developing and qualifying a number of these novel initiatives.

"The continuous development of our riser technology is of great strategic importance in enabling our clients to meet the demands associated with ever-increasing challenges of water depth, corrosion, fatigue and harsh environments."

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The following riser solutions will be on display:

- Buoy-Supported Riser (BSR) - The Buoyancy Supported Riser (BSR) System consists of a large sub-surface buoy, which is anchored to the seabed by eight tethers, two on each corner of the buoy. The buoy supports multiple SCRs which are connected to the FPSO by non-bonded flexible jumpers.
- Hybrid Riser Towers (HRTs) – HRTs are recognised to have significant benefits for deepwater riser applications in terms of flow assurance, thermal performance and robustness of layout.
- Steel Lazy Wave Risers (SLWSR) – Using the reel-lay vessel Seven Oceans, Steel Lazy Wave Riser (SLWR) were installed in the BC-10 field offshore Brazil in 1,800m water depth for Shell International.
- Steel Catenary Risers (SCRs) – SCRs have been adopted for many field developments and have been designed and installed by Subsea 7 for deployment by both J-lay and reel-lay.
- Single Hybrid Risers (SHR) - Subsea 7 has experience in designing and installing a Single Hybrid Riser tower offshore West Africa by the J-lay method.
- Single Line Offset Riser (SLOR™) - is a qualified un-coupled riser system developed by Subsea 7 in collaboration with 2H Offshore for deepwater applications and based on the proven single-riser concept.

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Notes to editors:

1. Subsea 7 is one of the world's leading contractors in seabed-to-surface engineering, construction and services to the offshore industry. We provide technical solutions to enable the delivery of complex projects in all water depths and challenging environments. Our vision is to be acknowledged by our clients, our people and our shareholders as the leading strategic partner in our market.
2. For further information visit www.subsea7.com
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